

S. W. Witmer

VOLUME XVI

MAY 1921

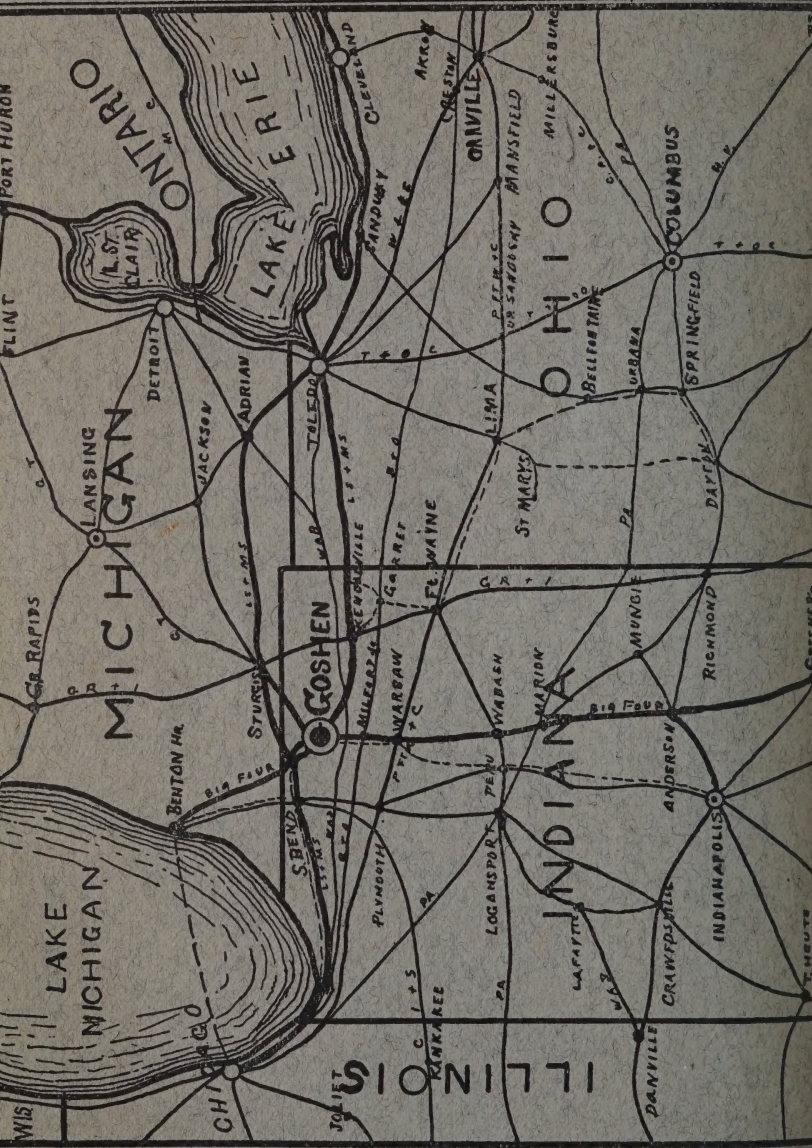
NUMBER II

BULLETIN OF
GOSHEN COLLEGE



ANNUAL CATALOG

GOSHEN, INDIANA



1920-1921
CATALOG



GOSHEN COLLEGE



GOSHEN, INDIANA

ANNOUNCEMENTS
1921-1922

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Issued six times a year.

GOSHEN COLLEGE

BULLETINS ISSUED BY GOSHEN COLLEGE

February: Summer Term.

May: Annual Catalog.

June: Commencement Announcements.

July: School of Music.

August: Reports.

November: Special Bible Term.

Any of these may be had upon request.
For information not contained in the bulletins, address inquiries to,

GOSHEN COLLEGE,
Goshen, Indiana.

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COLLEGE CALENDAR

1921

June 20.....TuesdaySummer Session Begins
Sept. 2.....FridaySummer Session Ends
Sept. 20.....Tues., 10:00 a. m.First Semester Begins
Sept. 20, 21...Tues., Wed.Registration for First Semester
Nov. 23-28....Wed. to Mon. ...Thanksgiving Recess
Dec. 20.....Tues., 4:00 p. m..Christmas Recess Begins

1922

Jan. 5.....Wed., 7:50 a. m...Christmas Recess Ends
Jan. 5.....WednesdaySpecial Bible Term Begins
Feb. 8.....WednesdayFirst Semester Ends
Feb. 8.....WednesdaySpecial Bible Term Ends
Feb. 9.....Thurs., 8:00 a. m.Second Semester Begins
June 9.....FridaySecond Semester Exams. End
June 11.....SundayBaccalaureate Sermon
June 14.....WednesdayCommencement Exercises
June 19.....MondaySummer Term Begins
Sept. 1.....FridaySummer Term Ends

CALENDAR

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FRANKLIN CO. CHL.

CORPORATION

MENNONITE BOARD OF EDUCATION

S. C. Yoder, President	Kalona, Ia.
D. D. Miller, Vice President	Middlebury, Ind.
A. E. Kreider, Secretary	Sterling, Ill.
S. R. Good, Treasurer	Sterling, Ill.
D. A. Yoder	Wakarusa, Ind.
Aaron Loucks	Scottdale, Pa.
A. B. Mensch	Souderton, Pa.
J. M. Kreider	Palmyra, Mo.
J. P. Bontrager	Albany, Ore.
Adam Baer	Hagerstown, Md.
A. J. Steiner	North Lima, Ohio
I. B. Good	East Earl, Pa.
D. G. Lapp	Roseland, Neb.
J. B. Smith	Harrisonburg, Va.
M. C. Cressman	Kitchener, Ont.
D. H. Bender	Hesston, Kans.
T. M. Erb	Hesston, Kans.
Paul Erb	Hesston, Kans.
I. R. Detweiler	Goshen, Ind.
Vernon Smucker	Scottdale, Pa.
O. O. Miller	Akron, Pa.
Noah Oyer	Hesston, Kans.
C. C. Cressman	New Hamburg, Ont.

STANDING COMMITTEES OF BOARD

EXECUTIVE:	S. C. Yoder, A. E. Kreider, S. R. Good, D. D. Miller, D. A. Yoder.
FINANCE:	S. R. Good, Aaron Loucks, O. O. Miller.
FACULTY:	D. A. Yoder, Aaron Loucks, J. M. Kreider.
LITERATURE:	J. B. Smith, Daniel Kauffman, S. F. Coffman, I. R. Detweiler, D. H. Bender.
RELIGIOUS WELFARE:	D. D. Miller, I. R. Detweiler, W. B. Weaver.

LOCAL BOARD OF GOSHEN COLLEGE

I. R. Detweiler J. E. Weaver C. B. Blosser J. J. Fisher
J. B. Moyer E. C. Lantz

OFFICERS OF ADMINISTRATION

Irvin R. Detweiler Acting President
Christian B. Blosser Dean
..... Business Manager
Ephraim J. Zook Librarian
Vesta Zook Dean of Women
John J. Fisher Registrar

OTHER OFFICERS

Mary Wismer Matron of Kulp Hall and Dietist
Mrs. Samuel H. Plank Matron of East Hall
Samuel H. Plank, Superintendent of Buildings and Grounds
Ruth Brubaker Assistant Librarian
Bertha R. Leaman Assistant to Registrar

STANDING COMMITTEES OF THE FACULTY

ADMISSION AND CLASSIFICATION—Fisher, Gerig, Blosser.

ATHLETICS—Witmer, Lehman.

BUILDINGS AND GROUNDS—Witmer, Zook.

COURSES OF STUDY—Blosser, Fisher, Hertzler.

DEBATE AND ORATORY—Steele, Weaver, Kurtz.

EXTRA WORK:

COLLEGE—Gerig, Fisher.

ACADEMY—Lehman, Zook, Witmer.

RELIGIOUS LIFE—Kreider, Weaver, Warye.

LIBRARY—Zook, President, Fisher.

PUBLICATIONS—Kurtz, Fisher, Blosser.

PUBLIC OCCASIONS—Ebersole, Kreider, Gerig, Warye.

RULES AND DISCIPLINE—Blosser, Warye, Matron, President, Ebersole, Kurtz.

STUDENT ORGANIZATIONS—Weaver, Kurtz, Ebersole.
sole.

S. L. A.—Lehman.

FACULTY*

IRVIN R. DETWEILER, A. B., Acting President.

1123 S. Eighth St.

PROFESSOR OF NEW TESTAMENT

A. B., Goshen College, 1911; Graduate student, The University of Chicago, summer quarters of 1912, '13, '14, '15, '16 and '17.

CHRISTIAN B. BLOSSER, A. B., Dean. 1101 S. Main St.

PROFESSOR OF AGRICULTURE

A. B., Indiana University, 1909; Graduate student, University of Wisconsin, 1915-17.

DANIEL S. GERIG, A. B.

1137 S. Eighth St.

PROFESSOR OF LATIN AND GERMAN

A. B., Wooster University, 1904; Graduate student, The University of Chicago, summers of 1904 and '08.

EPHRAIM J. ZOOK, A. M., Librarian. 1133 S. Eighth St.

PROFESSOR OF FRENCH AND LATIN

Ph. B., Wooster University, 1901; A. M., The University of Chicago, 1905; Graduate student, The University of Chicago, summer quarters of 1905, '08, '13 and '14.

JONATHAN M. KURTZ, A. M.

913 S. Seventh St.

PROFESSOR OF PHYSICAL SCIENCES

A. B., Oberlin College, 1905; A. M., Oberlin College, 1906; Graduate student, The University of Chicago, summer quarters of 1909, '10, '11, '12 and '19.

DANIEL A. LEHMAN, A. M.

1236 S. Eighth St.

PROFESSOR OF MATHEMATICS AND ASTRONOMY

Ph. B., Wesleyan University (Conn.), 1893; A. M., Western Reserve University, 1903; Graduate student, Uni-

*Arranged, with the exception of the Acting President and the Dean, in the order of seniority of appointment.

versity of Chicago, Lick Observatory, University of Michigan, Columbia University.

JOHN E. WEAVER, A. M. 1513 S. Main St.
PROFESSOR OF ACCOUNTING

A. B., Goshen College, 1914; A. M., Indiana University, 1916.

AMOS S. EBERSOLE, Mus. B. 110 W. Lafayette St.
PROFESSOR OF VOICE, SIGHT SINGING AND CHORAL

Teacher's Certificate, Goshen College School of Music, 1914; Student, Columbia University School of Music, summer of 1914; Mus. B., American Conservatory of Music, 1917; Studied with D. A. Clippinger, John T. Read, Oscar Saenger, Rosseter G. Cole, Adolf Weidig, and S. Ried Spencer.

WILLIAM B. WEAVER, A. B. 1019 S. Eighth St.
INSTRUCTOR IN HISTORY

A. B., Goshen College, 1914; Graduate student, Indiana University, spring and summer terms of 1914.

SAMUEL W. WITMER, A. M. 1405 S. Ninth St.
ASSISTANT PROFESSOR OF BIOLOGICAL SCIENCES

A. B., Goshen College, 1914; A. M., University of Wisconsin, 1915; Graduate student, University of Illinois, summer of 1916.

JOHN J. FISHER, A. M., Registrar. 1139 S. Eighth St.
PROFESSOR OF PHILOSOPHY AND EDUCATION

A. B., Goshen College, 1913; A. M., Indiana University, 1915; Harrison Fellow, University of Pennsylvania, 1914-16; Graduate student, Columbia University, summer of 1915, and The University of Chicago, summer of 1916.

VESTA ZOOK,* B. S., Dean of Women. Kulp Hall.
ASSISTANT PROFESSOR OF HOME ECONOMICS

A. B., Goshen College, 1915; B. S., Lewis Institute, 1916; Graduate student, The University of Chicago, summer quarter of 1917.

*Absent on leave.

GERARD J. DINKELOO, A. B. 510 S. Third St.

INSTRUCTOR IN PUBLIC SCHOOL MUSIC METHODS

A. B., Hope College, 1900; Teacher's Certificate, Chicago Musical College, 1902; Student, American Conservatory of Music, 1904, and Columbia University School of Music, 1905.

INA K. SLATE 625 S. Fifth St.

INSTRUCTOR IN ART

Prang Summer School of Methods, 1907-8; Chicago Academy of Fine Arts, 1909; studied methods under Dr. James P. Haney at New York University, 1910 and '11; New York School of Fine and Applied Arts, 1912 and '13; Pupil of Emma Church, 1915.

MARTHA MARTIN,* A. B. 110 W. Lafayette St.

INSTRUCTOR IN EDUCATION

A. B., Goshen College, 1916; Graduate student, The University of Chicago, summer quarter, 1917, and Columbia University, winter semester, 1918-19.

OTTO H. HOLTKAMP, Mus. B. 205 S. Eighth St.

INSTRUCTOR IN PIANO AND MUSICAL THEORY

Mus. B., Oberlin College Conservatory of Music, 1917; Studied under the following teachers: Dr. George W. Andrews, Arthur E. Heacox, O. A. Lindquist and Edward Dickinson.

ELVINA S. EBERSOLE 110 W. Lafayette St.

INSTRUCTOR IN SINGING

Student, Bluffton College Conservatory of Music, two years; Teacher's Certificate, Goshen College School of Music; Student, Northwestern University School of Music; Private pupil of Walter Allen Stultz and George Nelson Holt.

JACOB C. MEYER,* A. M. 1137 S. Eighth St.

INSTRUCTOR IN HISTORY AND ECONOMICS

A. B., Goshen College, 1916; A. M., Indiana University, 1917; A. M., Harvard University, 1918; Graduate student, The University of Chicago, summer quarter of 1920.

*Absent on leave.

ALMA R. WARYE, A. B. 1420 S. Eighth St.
INSTRUCTOR IN ENGLISH
A. B., Goshen College, 1918

RUSSEL RAY STEELE, A. M. 907 S. Eighth St.
PROFESSOR OF ENGLISH
A. B., West Lafayette College, 1913; A. M., West Lafayette College, 1914.

SILAS HERTZLER, B. D. 1236 S. Eighth St.
ASSISTANT PROFESSOR OF RELIGIOUS EDUCATION
A. B., Goshen College, 1913; Graduate student, Northwestern University, 1915-16, and Garrett Biblical Institute, summer of 1916; B. D., Yale Divinity School, Yale University, 1917; Graduate student, Columbia University, 1917-19; A. M., Columbia University, 1918.

RUTH BRENNEMAN 122 Crescent St.
INSTRUCTOR IN HOME ECONOMICS
Student, The University of Chicago, summer quarters of 1914, '15 and '16; Dietitians' Training Courses in Grace Hospital, Detroit, and Bellevue Hospital, New York City.

BERTHA R. LEAMAN, A. B. Kulp Hall.
INSTRUCTOR IN HISTORY
A. B., Goshen College, 1921.

AMOS E. KREIDER, B. D. 1135 S. Eighth St.
ASSISTANT PROFESSOR OF OLD TESTAMENT
A. B., Goshen College, 1915; B. D., Garrett Biblical Institute, 1917.

GENERAL INFORMATION

HISTORY AND ADMINISTRATION

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by a Local Board consisting of the President, Dean, Business Manager and four other members appointed annually by the Mennonite Board of Education.

LOCATION

Goshen is a residential city of ten thousand people located on the main line of the New York Central Railroad, one hundred and ten miles east of Chicago, and the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona Interurban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart river, which is noted for its beauty flows through the city and in its valley lies one

of the richest farming communities in Northern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city.

AIM

The aim of Goshen College is expressed in its motto, "Culture for Service." Through culture the student shall develop his life physically, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to pervade its life and spirit. The end and aim of culture is to do, and not simply to be or to know.

While the primary aim of the institution is to provide a college home for the children of the Mennonite Church, under most wholesome moral and religious influences, members of other churches and also non-christians of good moral character are heartily welcomed. Modesty and simplicity in dress and social customs are encouraged. Constant endeavor is made to maintain an atmosphere which will deepen the spiritual life of the young people and inculcate in them the ideals of the Church.

CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The ADMINISTRATION BUILDING is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading rooms, assembly hall, commercial rooms, gymnasium and cloak rooms.

The new SCIENCE HALL is a large four story brick structure built on the most approved lines for the work in science, agriculture and home economics. The entire building is well lighted and the laboratories are commodious and well equipped with apparatus for the various lines of work. Aside from laboratories it also contains one lec-

ture room, a number of class rooms, offices, a green house and museum.

KULP HALL is a stone and brick building three stories above ground floor. It contains a students' dining hall, reception room, Matron's rooms and music studio together with practice rooms. The second and third floors contain furnished rooms for young women.

EAST HALL is a two story frame building located just north of the college campus. It is divided into three separate apartments and has furnished rooms for young men. The care of the rooms is in charge of a competent matron.

These buildings are heated from a central plant, are electrically lighted and supplied with hot and cold water.

LIBRARY

The College Library, located in the Administration Building, contains over six thousand carefully selected volumes, distributed in subject matter among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the leading magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of over eighteen thousand volumes to which the students have free access.

THE LABORATORIES

The new Science Hall contains a number of labora-

tories with modern equipment for both general and special scientific work.

Chemistry.—The three chemical laboratories located on the third floor are provided with forty individual students' desks for experimental work in General Chemistry, twenty-four in Qualitative Analysis and Organic Chemistry and sixteen in Quantitative Analysis. The desks are fully equipped with gas, water and re-agent bottles. Each laboratory has a number of evaporating hoods. Supply rooms adjoining these laboratories contain the necessary chemicals and apparatus.

Physical.—The Vesperian Laboratory for Physics and Astronomy also on the third floor is provided with the necessary physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. A dark room is equipped for photometry and other experiments in light. A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

Biological.—The Biological laboratories are located on the first floor. The laboratory and supply room for the general courses contain aquaria, compound microscopes, skeletons, life histories in alcohol, bird skins, herbaria, and a large amount of other material and equipment necessary for the work.

The laboratory for advanced courses contains individual lockers; compound microscopes, including binocular and oil immersion; antoclave; oven; microtome; reagents and stains; and collections of material necessary for the work.

Agricultural.—The agricultural laboratories are equipped so that thorough work can be done in the courses offered. They are provided with tables, desks and necessary furniture. The dairy laboratory contains such apparatus as milk testers, cream scales, moisture test scales and ovens, acid testers, a steam boiler, cream separators,

churn, ice cracker and other necessary materials. The horticultural laboratory is also used for the field crops work and contains laboratory material for both horticulture and field crops.

Home Economics.—The Home Economics laboratories are located on the second floor. The kitchen is equipped with students' desks, gas plates, cooking utensils, cabinets and refrigerator. The dining room is provided with the necessary furniture to give practical experience in serving. The sewing room is equipped with sewing tables, four sewing machines, electric iron, pressing board and cabinet.

MUSEUM

The Museum contains various things of interest such as fossil remains of animals, minerals, Oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces of India. Gifts to the Museum are always appreciated.

ATHLETICS

A room in the basement of the Administration Building is devoted to physical exercise. A bath room with shower baths and dressing rooms adjoins the gymnasium.

The athletic field contains a sixth-mile track, baseball diamond and tennis courts. The Elkhart river runs near the college and affords opportunity for skating, rowing and swimming.

COLLEGE FARM

The College owns a sixty-acre farm which lies one-third mile east of the campus. Every effort is made to make the farm an adjunct to laboratory and class work of the School of Agriculture.

ARRIVAL OF STUDENTS

On arrival the student should leave his baggage at the depot, take the street car going south on Main street to the college, where arrangements can be made for both

churn, ice cracker and other necessary materials. The horticultural laboratory is also used for the field crops work and contains laboratory material for both horticulture and field crops.

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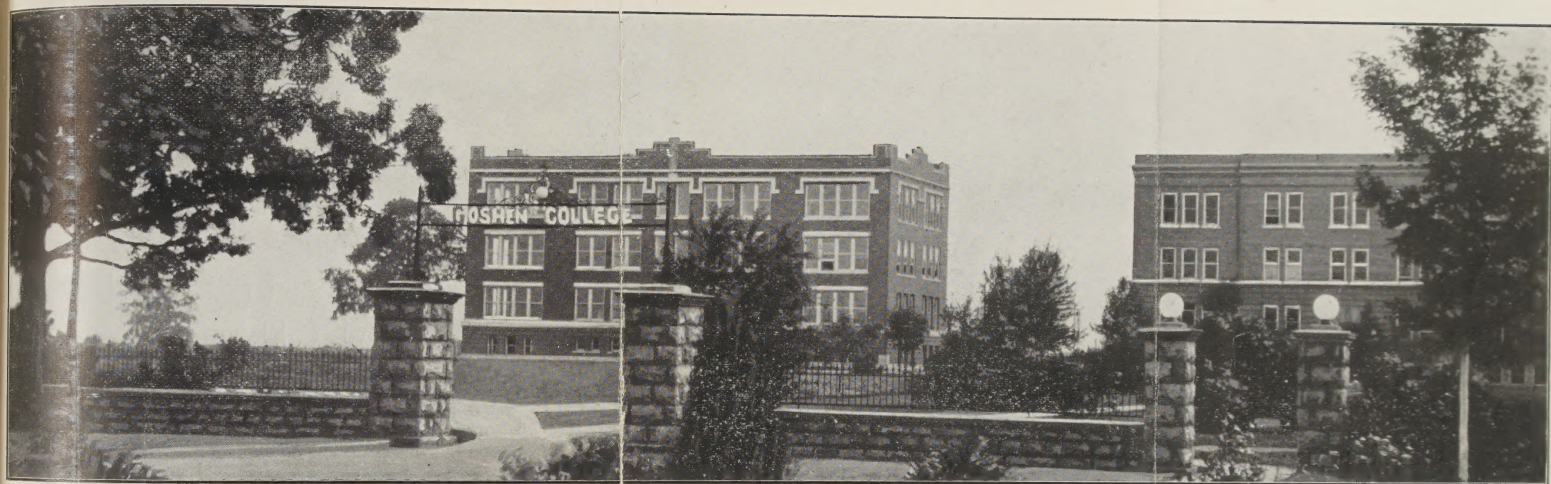
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SCIENCE HALL AND ADMINISTRATION BUILDING—GOSHEN COLLEGE



CAMPUS AND PARKSIDE



SCENE ALONG ELKHART RIVER

room and board. If due notice is given the student will on his arrival be met at the depot.

MATRICULATION AND REGISTRATION

It is strongly recommended that students present themselves for matriculation and registration on the days set apart for that purpose at the beginning of each semester and term.

Late registration incurs a special registration fee of one dollar.

The order of procedure in matriculating and registering is as follows:

1. CREDENTIALS. Credit for work beyond the eighth grade will be given only upon certification or examination. Certification blanks are furnished by the Registrar. Certificates must bear the signatures of the proper officials and should be mailed by them direct to the Registrar not later than four weeks before the time of entrance.

Persons who wish to present themselves for examination should do so before the time of entrance.

Students coming from other colleges must present letters of honorable dismissal from the institution attended.

2. MATRICULATION. Persons entering the institution for the first time must present themselves at the office of the President for matriculation. Here each person receives a Matriculation Card which, after having been filled out and signed by the President, is filed with the Registrar.

3. REGISTRATION. After matriculation and the approval of his credentials the student presents himself at the office of the Registrar. Here each student receives two cards: A Registration Card and a Course Card. The Registration Card is filled out by the student and returned to the Registrar.

4. SCHEDULE OF COURSES. After filling out his part of the Course Card the student presents the card to the Dean or other adviser who enters upon it the student's

schedule of courses for the semester or term. The adviser then places his signature on the Course Card.

5. INSTRUCTORS' SIGNATURES. The student presents the Course Card to each of the instructors offering the courses entered upon it. Each instructor places his signature after the title of his own course. This gives the student provisional enrollment in the several courses.

6. PAYMENT OF FEES. The student next presents himself at the office of the Business Manager for the payment of fees. After the payment of all fees the Business Manager places his signature on the Course Card.

Failure to pay all fees before twelve o'clock on Saturday of the first week of any semester or term incurs an additional fee of one dollar and debars the student from further attendance of classes until full payment is made.

7. PERMANENT ENROLLMENT. The Course Card is finally returned to the office of the Registrar. If the card has been properly filled out and bears all necessary signatures a Class Enrollment Card will be issued from the office of the Registrar to the instructor of each course. The student is now permanently enrolled.

8. CHANGE OF REGISTRATION. Any change of registration will be allowed only during the early days of the semester or term and then only with the consent of the adviser and the instructors. A card known as the Change of Registration Card is provided for this purpose and may be procured at the office of the Registrar.

A change of registration made at the request of the student incurs a fee of fifty cents.

CLASSIFICATION

Classification of students is based on the number of hours of credit they have on record in the office of the Registrar.

ACADEMY. During the first semester students who have fewer than twenty-two hours of credit will be classified

as Freshmen; those who have from twenty-two to fifty-three hours, as Sophomores; those who have from fifty-four to eighty-five hours, as Juniors; and those who have eighty-six or more hours, as Seniors.

During the second semester students who have fewer than thirty-eight hours of credit will be classified as Freshmen; those who have from thirty-eight to sixty-nine hours, as Sophomores; those who have from seventy to one hundred and one hours, as Juniors; and those who have one hundred and two or more hours, as Seniors.

COLLEGE. During the first semester students who have fewer than twenty hours of credit will be classified as Freshmen; those who have from twenty to forty-nine hours, as Sophomores; those who have from fifty to seventy-nine hours, as Juniors; and those who have eighty or more hours, as Seniors.

During the second semester students who have fewer than thirty-five hours of credit will be classified as Freshmen; those who have from thirty-five to sixty-four hours, as Sophomores; those who have from sixty-five to ninety-four hours, as Juniors; and those who have ninety-five or more hours, as Seniors.

EXTRA WORK

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra Work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged, except in cases where extra tuition is already due for the course taken.

GRADES AND QUALITY POINTS

Written examinations are given at the end of each

semester and term and during the semester or term, at the discretion of the instructor. The student's work is graded as follows: A, B, C, D, and Cr are passing grades; E is a conditioned grade which may be raised to a passing grade upon another examination; F is a failure grade; and I as a grade indicates that the work is incomplete.

To indicate more specifically the quality of work done numerical values, known as quality points, are attached to each semester hour of credit according to the following scale:

A	3 points.
B	2 "
C	1 "
D	0 "

Each semester hour of credit of grade Cr bears as many quality points as does the student's average grade.

REPORTS

A report of each student's work will at the end of each semester and term be sent to the parent or guardian upon request to the Registrar.

DIPLOMAS

Diplomas will be given to all students who complete the work outlined in the College, Agriculture, Regular Bible, Academy, Business, and Regular Music curricula, on condition that they have been students of the college at least one year.

CERTIFICATES

Persons completing the English Bible, Three-Year Music, Two-Year Music, Business and Two-Year Home Economics curricula will be given certificates showing the work actually done.

DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Dean of Women enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid

each individual student, by advice and criticism, to cultivate that spirit which seeks only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

RULES

The young women are required to room at Kulp Hall except when excused by the Dean of Women. Modern conveniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms in East Hall or in approved private homes near the college.

Groups of young men are not permitted to take rooms except in houses in charge of approved matrons.

I. All students are required:

1. To attend chapel every day.
2. To abstain from the use of tobacco, card playing and profane language.

II. Non-resident students are required:

1. To attend Sunday school and one church service each Lord's day at their regular place of worship.
2. To be in their rooms at 8 p. m. except, (a) on Saturdays, when the time is extended to 10 p. m.; (b) when attending church services; (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.
3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentlemen students shall not take rooms in the same home.

THE STUDENTS' COUNCIL

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council

composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic co-operation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between the Faculty and the students.

YOUNG PEOPLE'S CHRISTIAN ASSOCIATION

The Young People's Christian Association, a religious organization of students doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings which are a source of inspiration and general help to all students, are held every Thursday evening. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and New Testaments. There are also several classes for the study of home and foreign missions. These meet every Tuesday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission fields.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

MISSION BANDS

Mission bands (home and foreign) meet regularly throughout the school year to study systematically the various subjects necessary for a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

LITERARY SOCIETIES

Four College and two Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

College.—The Adelphian and Aurora Societies are for the men and Vesperian and Avon Societies for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each semester. These societies are maintaining high standards in their work.

Academy.—The Ciceronian Society for the boys and the Philomathian Society for the girls hold separate meetings every Monday evening and joint meetings, open to the public, on three Friday evenings throughout the year.

STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the literary societies for its support, and only members of the literary societies are members of the Students' Library Association.

STUDENTS' LECTURE ASSOCIATION

The Students' Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the intercollegiate Peace Oratorical Contests.

CHEMICAL SOCIETY

The Chemical Society meets once each school month

to discuss scientific subjects related to chemistry. Membership is limited to students, professors, and alumni of Goshen College who have done or are pursuing work in Chemistry beyond the first year.

ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education." The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the college and make a very valuable collection.

GOSHEN COLLEGE RECORD

The Goshen College Record is published monthly by a staff selected from the student body. Appointments are made each year by the Committee on Publications. It is the aim of the paper to serve as a medium for literary work, to record the more important happenings of the college year and to afford a means of communication between the institution and the former students. The publication is under the supervision of a committee of the Faculty.

TEXT BOOKS

Text books are for sale at the College Book Store. A limited number of books that will be used the following year will be bought from students at the close of each semester or term.

PHYSICAL EDUCATION

Courses in physical education are offered to prospective teachers in connection with the regular teacher training work.

Classes in physical training with a view to promoting the health and physical fitness of the student are organized each year.

Outdoor sports and games are encouraged during the spring and fall.

COLLEGE DINING HALL

The College manages a dining hall and furnishes good board at a reasonable rate.

STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending college. The College gives employment to a number of students. The employment committees of the Y. P. C. A. assist students in getting work in the city.

SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Local Board.

The firm, Lewis and Jacobs, of Goshen, offers \$50.00 annually in scholarships to be granted by the College to qualified students entering the School of Agriculture.

PRIZES

B. F. Deahl, of Goshen, annually offers two prizes of fifteen and ten dollars each to the students who win first and second places in the local Peace Oratorical Contest.

The firm, Shoup and Kohler, of Goshen annually offers two prizes of ten and five dollars each to the students who win first and second places in the Freshman-Sophomore Oratorical Contest.

FORM FOR WILLS

Several wills have recently been made in favor of Goshen College. In such donations the following form should be used: "I hereby give, devise and bequeath to the Mennonite Board of Education for Goshen College the sum of Dollars to be used to maintain the

..... Fund of Goshen College,
Goshen, Indiana.

EXPENSES

All bills are payable in advance and must be settled with the Business Manager before twelve o'clock on Saturday of the first week of each semester or term. Failure to do this will debar a student from further attendance of classes.

No tuition will be refunded except in cases of protracted illness or by order of the Local Board.

TUITION

COLLEGE

Regular schedule for year	\$80.00
Regular schedule for semester	42.00
Regular schedule for summer term	28.00
Ten hours for semester	30.00
Five hours for semester	20.00
Ten hours for summer term	20.00
Five hours for summer term	13.50
Students carrying more than sixteen hours of work will be charged for extra hours at the following rates:	
Semester hour	\$3.75
Term hour	2.50

ACADEMY AND BUSINESS

Regular schedule for year	\$55.00
Regular schedule for semester	30.00
Regular schedule for summer term	20.00
Eight hours for semester	24.00
Four hours for semester	15.00
Eight hours for term	15.00
Four hours for term	10.00
Students carrying more than seventeen hours of work will be charged for extra hours at the following rates:	
Semester hour	\$3.00
Term hour	2.00

MUSIC AND ART

Tuition for courses in Music and Art is given for the

semester. Some of the courses are also given during the summer. The tuition for these courses is approximately two-thirds of the tuition for the same courses for one semester.

Tuition for courses in Harmony, History of Music, Sight Singing, and Ear Training-Dictation, given in classes of six or more, is \$8.25 for each student enrolled.

Tuition for courses in Public School Music Methods and Art, given in classes of six or more, is \$9.00 for each student enrolled.

The regular period of instruction in Voice and Piano is twenty-five minutes in length. The period of instruction in Piano for children under twelve years of age is twenty minutes in length.

Private lessons in Voice with Professor Ebersole:

Two periods a week\$36.00

One period a week 20.00

Private lessons in Voice, with Mrs. Ebersole:

Two periods a week\$24.00

One period a week 14.00

Private lessons in Piano, with Mr. Holtkamp:

Two periods a week\$32.00

One period a week 18.00

Private lessons in Piano, with assistants:

Two periods a week\$22.00

One period a week 12.00

Private lessons in Piano, for children under twelve years of age:

One period a week\$10.50

Pianos for practice:

One hour each day\$ 3.75

Two hours each day 7.50

Three hours each day 10.75

A reduction in tuition is made to those taking regular work in music. The tuition for Choral, all listed theoretical courses (private work in Public School Music Methods

and Art not included), one course in the Academy or College, is as follows: First year, \$23.50 a semester; second year, \$26.00 a semester.

SPECIAL BIBLE TERM

Term of six weeks\$10.00

SPECIAL FEES

Matriculation\$1.00

Laboratory (Credit hour in College) 1.50

Physical Education 1.50

Observation of Teaching 1.50

Late Registration 1.00

Change of Registration50

Special Examination50

Statement of Credits (after first)50

Diploma:

Degree 5.00

All others 3.00

Certificate 1.00

BOARD

Semester\$72.00

Christmas vacation, additional 8.00

ROOMS

The prices are for furnished rooms, two in a room, including heat, light, and washing. The price depends on the location of the room in the building. Each student should bring one comforter, towels and bed linen.

Semester\$27.00-\$36.00

Rooms will be reserved on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit rooms will be held one week at the beginning of the semester or term. These deposits will not be refunded and are not transferable.

THE COLLEGE

IRVIN R. DETWEILER, Acting President.

CHRISTIAN B. BLOSSER, Dean.

REQUIREMENTS FOR ADMISSION

Evidence of proficiency in the curriculum of the commissioned high school or other approved secondary schools is the minimum requirement for admission to the curriculum. There are three methods of admission: **By certification, by examination, and by certification and examination.** All certificates must bear the signature of the proper official and should be sent by him directly to the office of the Registrar. Credit transferred from secondary schools should be certified on regular blanks furnished by the college. Admission will be granted **without condition, with condition, or to advanced standing.**

ADMISSION WITHOUT CONDITION will be granted to graduates from commissioned high schools or other approved secondary schools which require at least fifteen units for graduation. The unit is a course requiring two hundred minutes of class work or four hundred minutes of laboratory work a week throughout an academic year. The units offered must be distributed as follows:

English	3 units
One Foreign Language	2 units
Mathematics (Algebra and Plane Geometry)	2 units
History (Greek and Roman preferred)	1 unit
Laboratory Science	1 unit
Electives:	
From above department	2 units
From other than above departments	4 units

In order to obtain the best results in college work students are urged to elect two units of foreign language

and one unit in mathematics in addition to the minimum requirements in these subjects.

ADMISSION WITH CONDITION will be granted, provided the deficiency is not more than one unit. The condition must be removed before the beginning of the second year, unless the work required is of such a nature that it can be done in the college. Six semester hours in college are equivalent to a unit of secondary school work. The Academy and the Summer Term offer opportunity for the removal of conditions.

ADMISSION TO ADVANCED STANDING may be granted for work done after graduation from a secondary school. If the additional work has been done in a secondary school credit will be granted only on passing a college examination on the same. Work done in recognized higher institutions will receive credit on certification.

SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.

CURRICULUM

The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom to the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and twenty credit hours and an equal number of quality points as defined on page 20. The requirement for quality of work does not apply to work done prior to the school year 1921-22.

Each student is expected to register for fifteen hours' work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

PRESCRIBED WORK

English	10	hours	15
Mathematics	4	hours	9
Foreign Languages	12	hours	18
History or Social Sciences	9	hours	13½
Natural Sciences	9	hours	13½
Philosophy	6	hours	9

MAJOR SUBJECTS

At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar. A major consists of thirty hours, approximately one-third of which may be cognate work in allied subjects at the approval of Heads of Departments concerned. Twenty of the thirty hours is to represent a sequence in one subject.

Total 180
major
4
term
6

ELECTIVE SUBJECTS

In registering, required and major subjects must have the preference over those which are elective. (Elective courses once begun may not be discontinued without the proper consent of the Faculty). The electives must be chosen in the sequence indicated in the department statements.

FRESHMAN WORK

Freshmen are required to take at least twelve hours from the prescribed work in English, Mathematics, Foreign Languages or Natural Science. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I	Hrs.	II	Hrs.	III	Hrs.
English	3	English	3	English	3
Mathematics	3	Mathematics	3	Mathematics	3
Language	3	Language	3	Language	3
History	3	History	3	History	3
Botany or		Chemistry	3	Bible	3
Zoology	3				

PROFESSIONAL COURSE

Students who have completed their prescribed work and have ninety hours of credit and not fewer than ninety quality points may, upon favorable action of the Faculty, secure a leave of absence during their Senior year to attend a standard professional school. Such students may present themselves for degrees when a statement has been received from the Faculty of the professional school that one full year's work has been satisfactorily completed.

The following courses are suggested for those expecting to take up medical or engineering courses after completing three years of college work:

MEDICAL

	Hrs.
English	10
Language	12
History	10
Mathematics	6
Biology	12
Chemistry	21
Physics	8
Philosophy	6

ENGINEERING

	Hrs.
English	10
Language	12
History	10
Mathematics	18
Astronomy	8
Physics	8
Chemistry	18
Philosophy	6

DEGREES

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.

CERTIFICATES

A certificate is granted to those students in Home Economics who successfully complete a two year curriculum in this department. The curriculum is outlined under the Department of Home Economics.

TEACHER TRAINING

The Teacher Training curricula are outlined under the Department of Education.

DEPARTMENTS OF INSTRUCTION

The departments of instruction are arranged in alphabetical order.

The courses are numbered according to the following plan:

(1) Courses whose numbers fall above 100 give college credit; courses whose numbers fall below 100 do not give college credit.

(2) The initial digits of the numbers assigned to the courses indicate the years in which it is most desirable that the courses be taken. Thus courses with numbers between 101 and 199 should be taken the first year; between 201 and 299, the second year; between 301 and 399, the third year; and between 401 and 499, the fourth year.

(3) Courses with odd numbers are given the first semester; courses with even numbers, the second semester.

(4) Courses with hyphenated numbers (e. g. 101-2) are year courses which will count toward graduation only upon completion of the whole year's work.

(5) Courses with double numbers (e. g. 101,2) are year courses which are so organized that either semester may count toward graduation without completing the whole year's work.

(6) Courses with numbers in italics (e. g. 401) will not be given in 1921-22.

(7) The number in brackets at the end of the description of a course indicates the number of semester hours of credit granted upon the completion of each semester of work in the course. Year courses must be completed before such credit counts toward graduation.

AGRICULTURE

Professor Blosser.

For description of courses in Agriculture see page 59.

ART

Mrs. Slate.

Eight hours of Art may be counted toward the completion of the curriculum, leading to the degree of Bachelor of Arts.

101,2. FREEHAND DRAWING. This course presents the subjects of nature and object drawing, perspective and color, realistic and decorative treatment. Two double periods each week. (2)

201,2. APPLIED ART. The first semester is devoted to the study of "Art in the Home" with making of original designs applicable to interior decoration. The second semester consists of work in life drawing, terminating in "Costume Design" or "Commercial Art" problems, subject to the student's choice. Two double periods each week. (2)

BIBLE

Assistant Professor Kreider.

Professor Detweiler.

Assistant Professor Hertzler.

For description of courses in Bible see page 65.

BIOLOGICAL SCIENCE

Assistant Professor Witmer.

ZOOLOGY

101-2. GENERAL ZOOLOGY. A general survey of the animal kingdom. The first semester will be given to the study of the invertebrates not including the insects. Structure and history will be given first consideration but will be studied in their relations to the main principles of biology. The second semester will deal with the vertebrates exclusive of birds. Comparative anatomy will be emphasized in a way that will make the work of especial value to pre-

medical students. The laboratory work will consist chiefly of the dissection of type forms. (3)

201. INSECTS. In this course the aim will be to introduce the student to a knowledge of the structure, life cycles, classification, and habitats of insects. Several forms will be dissected in the laboratory. Each student will be required to collect and identify as many species as possible. Prerequisite or parallel: Zoology 101. (3)

202. BIRDS. The laboratory will be given to the dissection of the pigeon, the classification of bird skins, and identification in the field. Lectures, recitations, and readings will include such topics as migration and the relation of birds to man. Students registering for this course should have the entire Saturday forenoon open for field work. Prerequisite: Zoology 101. (2)

203. PHYSIOLOGY AND HYGIENE. This course will take up the various systems of the human body and will deal especially with the role they play in relation to health. Demonstrations, charts, and models will be freely used for the study of anatomy. A certain amount of time will be given entirely to the topics of personal and public hygiene. (3)

BOTANY

101-2. GENERAL BOTANY. This course will begin with a study of the structure and physiological processes of seed plants. This will be followed by a study of the Pteridophyte, Bryophyte, and Thallophyte groups. In the second semester considerable time will be given to the morphology of the Spermatophytes and the classification of the flowering plants. Heredity and related topics will be given consideration at various points through the course. (3)

201. MYCOLOGY. A study of the fungi. The morphology of

a few type forms of the great groups will be studied and as many forms as possible will be collected and identified. Parasitism in relation to plant disease will be given chief consideration. The toadstools and other fleshy fungi will also be studied. Prerequisite: Botany 101-2. (5)

202. BACTERIOLOGY. A study of micro-organisms in relation to hygiene, agriculture and the home. The laboratory work will cover the following: culture media; principles of sterilization; isolation of bacteria from air, water, milk, and other sources; methods of mounting and staining; description of bacteria. Prerequisite: Zoology 101-2, ~~and~~ Botany 101-2. (3)

302. PLANT HISTOLOGY AND CYTOLOGY. A study of the tissues and development of tissues in the vascular plants. Cellular phenomena and the light they throw on biological problems. Special attention will be given to the cytological basis of heredity. The laboratory periods will be given to practice in fixing, embedding, sectioning, and staining. Prerequisite: Botany 101-2. (5)

405-6. ADVANCED BOTANY. Students who are properly prepared may work on some special topic or problem. The work will be semi-independent and may be carried on in the laboratory, field, or library. Conferences at regular periods, reports, and a properly prepared thesis will be required. Hours will be arranged to suit the convenience of instructor and students. (2 or 3)

EDUCATION

Professor Fisher.

TEACHER TRAINING CURRICULA

Goshen College is accredited as a standard college and the curricula herein outlined are approved by the Indiana State Teachers' Training Board.

I. TWO-YEAR CURRICULUM

Those completing the Two-Year curriculum will be granted provisional elementary certificates valid for four years for teaching in any public elementary school in the state without examination. Holders of these certificates may, after two years of successful experience, secure a life certificate.

There shall be a total of at least sixty hours of professional and academic work in prepared courses. In addition there shall be ten hours of unprepared work. Unprepared work includes vocal music, freehand drawing, penmanship, conferences and physical education—courses which require no time of the students other than that of the recitation.

The following courses are prescribed:

FIRST YEAR

First Semester.	Second Semester.
Introduction to Education	Psychology of Childhood
English Composition	English Composition
Biological Science	Biological Science
Teachers' Course	Teachers' Course
Physiology and Hygiene	Practical Arts
Physical Education	Plays and Games

SECOND YEAR

First Semester	Second Semester.
Principles of Teaching	Methods
Observation	Supervised Teaching
Social Science	Social Science
Teachers' Course	Teachers' Course

Social Science includes history, political science, sociology and economics.

Teachers' Courses are courses in the elementary school subjects from the teacher's point of view.

Practical Arts include agriculture and home economics.

III. TWENTY-FOUR WEEK CURRICULUM

This curriculum shall consist of at least twenty-four weeks (two twelve week terms) of the work of the One-Year curriculum, provided that a proper sequence of courses is observed.

One year of college work may be substituted for either the first or the last twelve weeks of the curriculum.

One-fourth of the first twelve weeks' work, or one-half

of the last twelve weeks' work, may be taken in prevocational courses.

IV. TWELVE WEEK CURRICULUM

This curriculum shall consist of at least twelve weeks (one term) of the work of the One-Year curriculum.

One year of college work may be substituted for this curriculum.

One-fourth of this curriculum may be taken in prevocational courses.

V. FOUR-YEAR CURRICULUM

Those completing the Four-Year curriculum will be granted provisional high school certificates valid for four years of teaching in any high school in the state, without examination, in the subjects in which they have taken their majors and minors. Holders of these certificates may, after two years of successful experience in the state, secure life certificates.

The Four-Year curriculum is the same as that leading to the A. B. degrees except that the major and the minor must contain twenty-four and sixteen hours respectively, and that the total number of hours required must include the following professional courses.

FIRST YEAR

First Semester.	Second Semester.
Introduction to Education	

SECOND YEAR

First Semester.	Second Semester.
General Psychology	Psychology of Thinking
	Testing in High
	School Subjects

THIRD YEAR

First Semester.	Second Semester.
Technique of Teaching	Technique of Teaching
Major or Minor	Minor or Major
Observation	Observation

FOURTH YEAR

First Semester.	Second Semester.
History of Education	Principles of Education
Supervised Teaching	

PROGRAM OF COURSES

103. INTRODUCTION TO EDUCATION. An introductory course

which acquaints the student with education in its larger aspects, for the purpose of giving him the proper appreciation of his work as a teacher. A study of the many forms of educational activity, some typical problems in the field of education, and the progress being made in their scientific solution constitutes the work of this course. (3)

104. RURAL LIFE. A brief survey of the changes, sociological and economic, that have taken place in American rural life, followed by a more detailed study of the various agencies looking toward rural betterment. (3)
15. PHYSICAL EDUCATION. Games and gymnastic exercises of a corrective and recreative nature. (2)
16. PLAYS AND GAMES. Playground activities and contests that are suited to pupils in the elementary schools. (2)
201. PRINCIPLES OF TEACHING. A study of the principles underlying the teaching process with some attention to school-room organization and management. (3)
202. SPECIAL ELEMENTARY METHODS. Special methods in teaching the fundamental school subjects. Typical lesson plans will be worked out and the course will be closely correlated with the supervised teaching. (3)
204. PRIMARY METHODS. Methods applying to the work of the first four grades. Special emphasis will be placed on teaching to read, phonics, dramatization, and oral expression. (3)
205. OBSERVATION IN THE ELEMENTARY GRADES. In the Goshen city schools and in typical rural schools. Opportunity will be given to observe the particular

grade or grades, and the particular subjects in which the student is interested. (2)

206. SUPERVISED TEACHING OF ELEMENTARY SCHOOL SUBJECTS. Closely correlated with the work in methods. Lessons will be taught in the grades in which the student teacher will be granted a provisional certificate. (2)

207. TESTING IN ELEMENTARY SCHOOL SUBJECTS. A study of standard tests and measurements which are being applied to the subjects of the elementary school curriculum, with some practice in giving tests. (2)

208. TESTING IN HIGH SCHOOL SUBJECTS. A study of standard tests and measurements which are being applied to the subjects of the secondary school curriculum, with some practice in giving tests. (3)

209. THE CURRICULUM. An evaluation of the curriculum based on the demands of modern life, demands for physical fitness, vocational efficiency, the right use of leisure, effective citizenship, and moral and religious expression. (3)

211. CHILDREN'S LITERATURE. A study of children's literature from both the literary and educational points of view. Folk tales, stories, rhymes and poems will be classified according to the ages of children. The course will require extensive reading in children's classics. (3)

212. STORY TELLING. A study and classification of stories to be told in the elementary grades. There will be considerable practice in actual story telling. (3)

301. PUBLIC SCHOOL SYSTEMS. A study of the systems of administration of American public education, its relation to the scheme of government of civic affairs, and the relation between local and central

agencies. Organization, administration, maintenance, the teaching staff, grading and promoting pupils, school records and reports will be treated. (3)

302. SECONDARY EDUCATION. A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, method, management, the Junior high school and the relation of the high school to elementary and higher education. (3)

401. HISTORY OF EDUCATION. The purpose of this course is to give an historical understanding of the present day situation and tendencies in education. Almost the entire course will be devoted to tracing educational developments since the Renaissance, and chief emphasis will be placed on education in America. (3)

402. PRINCIPLES OF EDUCATION. A study of the meaning and aim of education in the light of the biological, mental and social sciences. Social efficiency and individual development will be discussed with a view of finding the proper relation between them. (3)

TECHNIQUE OF TEACHING MAJOR AND MINOR SUBJECTS. Courses in special methods in teaching high school subjects, offered in the departments in which majors and minors may be taken. Open to third year students. The semester in which any one of these courses is offered depends upon the department. (2)

OBSERVATION IN SECONDARY GRADES. In the Goshen high school and the Academy of the college, under the direction of the heads of departments in which

the major and minor are taken. Open to third year students. The semester in which either part of the course is offered depends on the department. (3)

SUPERVISED TEACHING IN MAJOR SUBJECT. In the Academy of the college under the supervision of the head of the department in which the major is taken. Open to fourth year students. The semester in which the course is given depends on the department. (3)

ENGLISH

Professor Steele.

Miss Warye.

101-2. ENGLISH COMPOSITION. Not the least aim of this course is to assist the student to develop a conscience for accuracy in the mechanics of composition and for good form. Special attention is given to the structure of sentences and to punctuation. The structure and technique of the paragraph. Paragraph writing. Required of all Freshmen. (3)

201-2. THE HISTORY OF ENGLISH LITERATURE. A historical survey of English literature from its beginning to the present time. As much illustrative supplementary reading will be done as time allows. (3)

203-4. ADVANCED COMPOSITION. A general course in descriptive, narrative, and expository writing, aiming at greater power of written expression. For those who have carried English 101-2 successfully and who wish to learn more about the art of writing. (3)

205. ARGUMENTATION. A study of the laws of argumentation and the art of debate. This course should be elected by all who contemplate intercollegiate debating. (3)

207-8. SPOKEN ENGLISH. A consideration of the cardinal

virtues of good conversation. Courtesy, adaptibility, self-restraint. Pronunciation. The speaking voice. (2)

301-2. HISTORY OF AMERICAN LITERATURE. A study of the great movements and writers of America from its beginnings to the present day with as much attention to minor writers as their position warrants. Considerable reading of American prose and poetry will be required. Boynton's "A History of American Literature" and Boynton's edition of "American Poetry" will be used. (3)

303-4. LITERARY TYPES. A study of lyric and narrative verse, free verse, the formal and familiar essay, and the short story. The essential difference between prose and poetry. The ATLANTIC MONTHLY is used to furnish illustrative material in the second semester. (2)

305. EXPOSITORY WRITING. A study of the typical essay forms. Original work is required. Prerequisite: English 203-4. (2)

306. NARRATIVE WRITING. A study of the modern short story. Original work is required. Prerequisite: English 203-4. (2)

401-2. ENGLISH POETS OF THE NINETEENTH CENTURY. A study of representative poems of Wordsworth, Byron, Shelley, Keats, Tennyson, and Browning with special emphasis on Wordsworth, Tennyson and Browning. Occasional written reports will be required. (2)

403. ENGLISH USAGE. Good and bad English. Colloquial, platform, and literary standards. The direction of present-day tendencies. (3)

404. PUNCTUATION. Ward's "What Is English?" and "Punc-

tuation Leaves" will be used in this course. (3)

17. **TEACHER'S COURSE IN ENGLISH GRAMMAR.** A thorough study of the whole subject from the point of view of the elementary school teacher. (2)

FRENCH

Professor Zook.

- 101-2. **ELEMENTARY FRENCH.** This course aims to give the student a practical acquaintance with the essentials of French grammar and enable him to turn short English sentences into idiomatic French and vice versa. Careful attention is given to pronunciation and colloquial drill in connection with the reading of easy French prose. The selections read vary from year to year. Open to students who have had two years of foreign language. (3)
- 201-2. **INTERMEDIATE FRENCH.** Primarily a reading course. The books read deal with French life and give the student a knowledge of the national traits and characteristics. There will also be a rapid review of French grammar and elementary composition based on the stories read. (2)
301. **FRENCH COMPOSITION.** An advanced course in French composition. Recommended for students who present two years of high school French for college entrance. Students who have completed or are pursuing French 201-2 may be admitted. (3)
302. **THE FRENCH SHORT STORY.** The modern short story read in French. Open to students who have completed French 301. (3)
- 401-2. **THE FRENCH NOVEL.** An introduction to the modern French novel. Rapid reading and discussion. (3)

GERMAN

Professor Gerig.

- 101-2. **ELEMENTARY GERMAN.** The essentials of German grammar, practice in proper pronunciation, oral and written reproduction of simple English exercises and expressions form the basis of the work. (3)
- 201-2. **INTERMEDIATE GERMAN.** The work of the year consists in a review of grammar topics, the reading of several standard works of literature chosen from both classic and modern authors. (3)
- 301-2. **READINGS IN MODERN GERMAN.** The first semester is devoted to the rapid reading of some production of prose literature. The second semester is devoted to drama. Oral composition will supplement the reading throughout the year. (3)
- 303-4. **GERMAN COMPOSITION.** The work in this course consists of translation of English exercises into German, paraphrases of stories, epistolary writing and original composition. (2)
- 401-2. **SCHILLER AND GOETHE.** This year's work will be devoted to the study of work taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them will be required. (3)
- 403-4. **NINETEENTH CENTURY GERMAN LITERATURE.** The first half of the year is given to the study of the writing of the Romantic School. The selections for the last half are taken from productions of late authors. Reports on assigned topics are required. Prerequisite: German 301-2. (3)
- 405-6. **HISTORY OF GERMAN LITERATURE.** A study of the history of German literature and the forces that have been instrumental in its development. (2)
- 407-8. **SCIENTIFIC GERMAN.** This course offers opportunity

to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, botany and the technical industries. (2)

Courses listed as not given may be offered if there is sufficient demand.

HISTORY AND SOCIAL SCIENCE

Mr. Weaver.

HISTORY

- 101-2. EUROPEAN HISTORY. A general course in European history from the fall of the Roman Empire to the present time. (3)
- 201-2. AMERICAN HISTORY. A general course in American history from 1492 to the present time. (3)
- 301-2. ENGLISH HISTORY. A general course in English history from the Roman period to the present time. Special emphasis on the development of the political institutions, the colonial development, the Industrial Revolution and its political and social aspects, and the present status of the empire. (3)
- 401-2. EUROPE IN THE NINETEENTH CENTURY. A study of the development of modern European nations since the Congress of Vienna. Text, lectures, readings. (2)
403. LATIN AMERICA. This course is planned to give a survey of the development of Latin America from 1492 to the present time, with special emphasis on the period since 1800. (3)
17. TEACHERS' COURSE IN AMERICAN HISTORY. A study of American history from 1492 to the present time from the point of view of the elementary school teacher. (2)

POLITICAL SCIENCE

301. AMERICAN GOVERNMENT. A study of the constitutional development in the United States as well as a survey of the National Government in action. Some time will be given to a study of state governments and their relation to the national government. (3)
302. EUROPEAN GOVERNMENTS. A comparative study of the governments of Europe with special emphasis on the development of the English system. (3)
401. INTERNATIONAL LAW. The nature, sources, history and present status of International Law with special emphasis on the modern development of international administration. (3)
402. AMERICAN DIPLOMATIC HISTORY. A study of the foreign relations of the United States. A text may be used but the course will be made up chiefly of a study of the documents. (3)

ECONOMICS

- 201-2. PRINCIPLES OF ECONOMICS. A study of the theory of economics in its relation to the production, exchange and distribution of wealth. (3)
301. ECONOMIC HISTORY OF THE UNITED STATES. This course is designed to furnish the student with the background for the interpretation of the political and social development. The economic aspects of slavery, the Revolution, the tariff, the Civil War, the paper money movements, and the free silver movement will be emphasized. (3)
302. ECONOMIC HISTORY OF EUROPE. A study of the industrial development of modern Europe with special emphasis on the political, social and economic problems of the Industrial Revolution. Prerequisite: History 101-2. (3)

401. PUBLIC FINANCE. A study of the administration of government finance, public expenditures, revenue and taxation. The industrial activities of the government will also be considered. (3)

402. LABOR PROBLEMS. A study of the present status of labor from the point of view of the employer and employee. The conflicts of labor and capital, sweating, child labor, women in industry and related problems will be discussed. (3)

SOCIOLOGY

301-2. GENERAL SOCIOLOGY. The purpose of this course is to give the principles of sociology and an application of these principles to present day society. Special emphasis will be given to modern sociological problems. (3)

HOME ECONOMICS

Assistant Professor Zook.

Miss Brenneman.

TWO-YEAR CURRICULUM

A two-year curriculum has been outlined for teachers of home economics. Upon the completion of this curriculum a certificate will be granted.

There shall be a total of at least sixty hours of prepared work, of which six shall be in English, twelve in Education, and twenty-seven in Home Economics.

There shall also be a total of at least ten hours of unprepared work. Unprepared work includes vocal music, freehand drawing, conferences and physical education—courses which require no time of the students other than that of the recitation.

The following courses are prescribed:

FIRST YEAR

First Semester.
Clothing and Textiles
Foods and Cookery
English Composition
General Chemistry
Physical Education

Second Semester.
Elementary Dressmaking
Foods and Cookery
English Composition
General Chemistry
Plays and Games

SECOND YEAR

First Semester.
Food Chemistry
Household Administration
Teaching of Home
Economics
Observation

Second Semester.
Advanced Sewing
House Planning and
Decoration
Supervised Teaching of
Home Economics

PROGRAM OF COURSES

101. CLOTHING AND TEXTILES. A study of textile fibers, spinning, weaving, tests for adulteration; care of clothing, hygiene of clothing, clothing conservation. The laboratory work consists of practice in the application of various seams, stitches and hems to simple garments for the individual student. (3)
102. ELEMENTARY DRESSMAKING. Cutting, fitting and making garments for the student. The designing of garments from the standpoint of appropriateness and economy. (3)
- 103-4. FOODS AND COOKERY. Food production and manufacture; chemical composition; changes brought about by heat, cold and moisture; desirable combinations; preparation and serving of meals. Prerequisite or parallel: Chemistry 101-2. (3)
201. FOOD CHEMISTRY. Examination and testing of food materials, food adulterations and preservatives. Study of proteins, carbohydrates and fats, their use and digestibility. Prerequisite: Home Economics 103-4. (3)
202. NUTRITION AND DIETETICS. Relation of food requirements to climate, age, sex, and occupation; well selected dietaries and food values; demonstration

and contest work. Prerequisite: Home Economics 201. (3)

206. **ADVANCED DRESSMAKING.** The aim of this course is to give more technical and advanced work in garment making. Study and use of commercial pattern. Tailoring garments. Lectures on historical, social and economic aspects of clothing. Prerequisite: Home Economics 102. (3)

305. **HOUSEHOLD ADMINISTRATION.** Principles of household finance; cost of living; household budgets; division of labor; domestic service; business principles in the home. (3)

306. **HOUSE PLANNING AND DECORATION.** Choosing the site and type of house adapted to it; plans for the modern house; furnishing and decorating the home; arrangement and care of the house and its furnishings. (3)

321. **TECHNIQUE OF TEACHING HOME ECONOMICS.** The place of Home Economics in the elementary and secondary schools; its relation to other subjects; discussion of courses of study; making lesson plans; collection of illustrative material. (2)

323. **OBSERVATION OF TEACHING HOME ECONOMICS.** Directed observation in the Goshen city schools and the Academy of the college. Reading, reports and conferences with the head of the department. (1 or 2)

325. **SUPERVISED TEACHING OF HOME ECONOMICS.** Supervised teaching in the Academy of the college. Reading, preparation of plans, actual teaching and conference with the head of the department. (3)

401. **COSTUME DESIGN.** Study of color, line, and texture in relation to costume design for different types; designing garments appropriate to different types;

designing and making silk and lingerie dresses for the student. Prerequisite: Home Economics 102, 206. (3)

402. THE FAMILY. Historical development of the home; the family as a social institution; study of the modern family. Collateral reading and reports. (3)

LATIN

Professor Gerig.

- 101-2. CICERO'S ORATIONS. This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. (4)
- 201-2. VIRGIL'S AENEID. The year will be given to the study of Latin poetry. Four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. (4)
- 301,2. CICERO'S ESSAYS. This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. The first semester will be devoted to Cicero's De Senectute, and De Laelio; the second semester, to Cicero's Tusculan Disputations and Livy's History, Book V. (3)
- 303-4. POETRY AND HORACE. Odes and Epodes, selections from Satires and Epistles. (2)
- 401-2. PLAUTUS AND TERENCE. The basis of the year's work will be the plays of Plautus and Terence. (3)
- 403-4. CLASSIC LITERATURE IN ENGLISH. A study of the

leading masterpieces from Greek, Latin, Italian and other literatures from English translations. (3)

MATHEMATICS AND ASTRONOMY

Professor Lehman.

101. ALGEBRA. This course presupposes a thorough course in Elementary Algebra. After some reviewing special attention is given to the theory of exponents, logarithms, radicals, quadratic and higher equations, variables and limits, complex numbers, determinants, and theory of equations. Required course. (3)

102. TRIGONOMETRY. It includes the use of logarithms, drawing to scale, computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course. (3)

Some of the following courses will be given if there is sufficient demand for them.

201-2. ANALYTIC GEOMETRY. A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved. (2)

203-4. CALCULUS. This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite: Mathematics 101, 102, 201-2. (3)

301-2. DESCRIPTIVE ASTRONOMY. The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are studied. (2)

- 303-4. DIFFERENTIAL EQUATIONS. Murray's and Cohen's texts. (3)
- 401-2. ADVANCED ANALYTIC GEOMETRY. A review and continuation of the work of Mathematics 201-2. (2)
- 403-4. GENERAL ASTRONOMY. This involves a more exact study of the science of astronomy than does Astronomy 201-2. No mathematics beyond Mathematics 102 and 201-2 is required. (2)
18. TEACHERS' COURSE IN ARITHMETIC. A thorough study of the subject from the point of view of the elementary school teacher. (2)

MUSIC

Professor Ebersole.

Mr. Holtkamp.

Mr. Dinkeloo.

As much as eighteen hours of the theoretical work in Music may be counted toward the completion of the curriculum leading to the degree of Bachelor of Arts.

For description of courses in Music see page 83.

PHILOSOPHY AND PSYCHOLOGY

Professor Fisher.

PSYCHOLOGY

102. PSYCHOLOGY OF CHILDHOOD. A study of those phases of child nature which are directly related to the learning and teaching processes. Periods of development, native tendencies, habit formation, laws of learning, and individual differences. (3)
201. GENERAL PSYCHOLOGY. A course in the fundamentals of general psychology. While it is desirable that students taking this course have some knowledge of

psychology, it will be given in such a way that mature students having had no previous courses in the field should be able to do the work. (3)

203. **EXPERIMENTAL PSYCHOLOGY.** A laboratory course for those who have or are taking Psychology 201. (3)

206. **PSYCHOLOGY OF THINKING.** A course centering around the analysis of the thought process, stressing the intimate relation between induction and deduction, and endeavoring to help the student develop methods of effective thinking. The educational implications will be carefully pointed out. (3)

PHILOSOPHY

201. **INTRODUCTORY TO PHILOSOPHY.** This course is designed for beginners. It includes a definition of terms, a statement of the fundamental problems, and a characterization of the several great systems of thought. (3)

202. **LOGIC.** A study of deductive and inductive methods of reasoning. (3)

301-2. **HISTORY OF PHILOSOPHY.** The development of philosophy from its beginnings among the Greeks to the present time. The great systems of the ancient and modern periods will receive chief attention. A standard text will be supplemented by considerable reading from original sources. Prerequisite: Psychology 201 or Philosophy 201. (3)

401. **ETHICS.** An analysis and comparative study of ethical theories. Constant reference will be made to present social and economic conditions for illustration and interpretation. The historical and constructive aspects will receive attention. (3)

404. **CONTEMPORARY PHILOSOPHY.** A study of some of the writings of pragmatism, Bergsonism, new realism, and modern idealism. Prerequisite: Psychology

201 or Philosophy 201. It will be to the advantage of the student to have had Philosophy 301-2. (3)

PHYSICAL SCIENCE

Professor Kurtz.

CHEMISTRY

101-2. GENERAL CHEMISTRY. This course aims to give the student a comprehensive view of the fundamental principles of chemistry both as a general culture subject, and as a foundation for more advanced work in chemistry. (3)

201-2. QUALITATIVE ANALYSIS. Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and electrolytic disassociation as well as their practical application to analytical chemistry. Prerequisite: Chemistry 101-2. (3)

301-2. QUANTITATIVE ANALYSIS. A careful study is made in the laboratory of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. For students in Agriculture the analysis of feeds, soils, fertilizers and similar compounds will be taken up after the general principles of quantitative analysis have been mastered. Prerequisites: Chemistry 101-2, 201-2. (3)

303-4. ORGANIC CHEMISTRY. The course deals with the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite: Chemistry 101-2, 201-2.

401-2. PHYSICAL CHEMISTRY. An introduction to the sub-

ject of Physical Chemistry. Prerequisite: Three years of chemistry and Physics 101-2. A knowledge of calculus, while not essential, is desirable. (3)

The Department of Home Economics offers a course in Food Chemistry.

PHYSICS

101-2. GENERAL PHYSICS. This course is intended to acquaint the student with the elementary facts and general principles of physical science. Lectures, recitations and laboratory work. Prerequisite: Mathematics 102. (4)

EARTH SCIENCE

101-2. GEOLOGY. This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to acquaint the student with the leading facts concerning the formation, structure and history of the earth. The geological processes, Diastrophis, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology. (3)

18. TEACHERS' COURSE IN GEOGRAPHY. A study of modern geography from the point of view of the elementary school teacher. (2)

THE SCHOOL OF AGRICULTURE

IRVIN R. DETWEILER, Acting President.

CHRISTIAN B. BLOSSER, Dean..Horticulture and Field Crops

..... Animal Husbandry and Soils

SAMUEL W. WITMER Biological Science

JONATHAN M. KURTZ Physical Science

DANIEL A. LEHMAN Mathematics

FOUR-YEAR CURRICULUM

The regular curriculum is four years in length and leads to the degree of Bachelor of Science in Agriculture. Courses are offered which provide a broad cultural education, a thorough training in the science and in the art of Agriculture. The theory taught in the class room is correlated so far as possible with actual practice in the fields and buildings of the College Farm.

ENTRANCE REQUIREMENTS

The entrance requirements are identical with those to the College curriculum leading to the degree of Bachelor of Arts, for which see page 29.

GRADUATION REQUIREMENTS

The total amount of work required for graduation with the degree of Bachelor of Science in Agriculture is one hundred and twenty hours, which shall be distributed as follows:

English	9 hours
Mathematics	9 hours
Chemistry	12 hours
Biological Science	12 hours
Physics	8 hours
Agriculture	70 hours

At the beginning of the Junior year the student shall, in consultation with the Dean, choose from one of the three departments of Agriculture his Major Subject. The major subject consists of thirty hours composing a sequence.

ANIMAL HUSBANDRY

For the plan of numbering the courses see page 34.

- 101-2. POULTRY HUSBANDRY. This work begins with a study of the breeds of poultry and includes the study of housing, feeding, hatching and rearing of chicks, poultry diseases, fattening and marketing. The course is arranged with reference to seasonal sequence and the laboratory work consists of actual management of flocks, judging, and preparing for the market. (3)
- 201-2. ANIMAL HUSBANDRY. This course is a study of the most important breeds of live stock; includes production, care, management and judging. Laboratory work consists of judging and the actual care of live stock on the College Farm. (3)
301. DAIRY HUSBANDRY. A study of milk production and products, milk testing, separating, buttermaking, cheesemaking, and practical cow-testing. (3)
302. ANIMAL BREEDING. This course deals with the underlying principles of animal breeding with particular reference to the choosing of foundation stock, selection, pedigrees of breeding animals, the development of young stock, the general management of the breeding business, and breeders' associations. Prerequisite: Animal Husbandry 201-2. (3)
303. FEEDS AND FEEDING. This course takes up the problem of animal nutrition, feeding standards, feeding stuffs, calculating rations, preparation of feeds, manurial value of feeds, and feed in practice on

the farm. Prerequisite: Animal Husbandry 201-2. (3)

401. HISTORY OF BREEDS. This course takes up the origin of the breeds of live stock and the methods of establishing and maintaining pure and high grade herds and flocks. Prerequisite: Animal Husbandry 201-2. (3)

402. LIVE STOCK JUDGING. A laboratory course designed for students who major in Animal Husbandry. Laboratory work consists entirely of practical judging of different classes of live stock. Prerequisite: Animal Husbandry 201-2.

404. VETERINARY SCIENCE. A course which deals with the gross anatomy and physiology of the animal body, particular attention being given to the diagnosis and treatment of common diseases of farm animals. Prerequisite: Animal Husbandry 201-2 and Zoology 101-2. (3)

AGRONOMY

101. FARM CROPS. A laboratory and class room study of the history, botanical characters, adaptations, distribution, and culture of the principle cereals with reference to local conditions. Laboratory work in grain judging and seed testing. (3)

102. FORAGE CROPS. A study similar to Agronomy 101, of the legumes, grasses, and other forage crops. (3)

201. AGRICULTURAL BOTANY. A study of the structure and physiology of agricultural plants, methods of propagation, and classification. (3)

203. WEEDS AND WEED CONTROL. This course deals with the habits, collection, identification and control of noxious weeds, and their relation to farm crops. (3)

301-2. SOILS. Lyon, Fippin and Buckman's "Soils" is used

as a text. The work covers such subjects as the physical properties of soils, organic matter, colloidal matter, soil water, heat control of soil water, etc. Laboratory and recitations. (5)

303-4. AGRICULTURAL CHEMISTRY. The first part of the course takes up the principles of quantitative analysis and is followed by the chemistry of feed stuffs, soils, fertilizers, etc. Prerequisite: Chemistry 101-2, 201-2. (3)

306. FARM MACHINERY. This course deals with the principles and practice of operating farm machinery, including tillage, seeding and harvesting implements, manure spreaders, feed mills, wagons, pumping machinery, steam engines and gasoline engines, and the principles of cementing. (3)

401. FARM ENGINEERING. This course is a study in the laboratory, field and class room of farm drainage, irrigation, roads, farm motors, farm structures and sanitation. (3)

402. FARM BOOKKEEPING. A course in practical farm bookkeeping especially designed to meet the needs of those students who expect to do practical farm work. (3)

403. SOIL SURVEY. A soil survey will be made of a limited area near the College. Lectures, laboratory, and field work. (3)

404. FARM MANAGEMENT. This course deals with the problems of choosing and equipping a farm, types of farming, maintenance of fertility, capital required, systems of rental, laying out the farm, systems of cropping, and marketing of farm crops. (3)

HORTICULTURE

101-2. HORTICULTURAL PRACTICE. A course in general horticultural practice designed to meet the needs of

students who expect to return to the farm as well as an introduction to succeeding courses. Includes practice in seed germination, transplanting, tillage, grafting, pruning, spraying, hotbed construction and management, and planning the home garden. (2)

104. VEGETABLE GARDENING. A study of common vegetable crops and the management of the home garden, garden planning, garden rotation, succession and companion cropping, hotbed and cold frame construction and management. Laboratory work will consist largely of actual gardening. (3)

201. SYSTEMATIC POMOLOGY. This course includes botanical classification of the common fruits and the identification and judging of orchard fruits. Prerequisite: Horticulture 101-2. (3)

202. SMALL FRUITS. The strawberry, raspberry, blackberry, gooseberry, currant and grape will be studied with reference to their history, methods of planting and pruning, soil fertilization, cultivation, insect control and harvesting. (3)

204. ECONOMIC ENTOMOLOGY. This course treats of economically important insects with special reference to life history, habits, injury to plants, and methods of control. Laboratory work includes identification, classification, and field studies. Prerequisite: Zoology 101-2. (3)

301. PLANT PATHOLOGY. This course deals with the nature, causes and control of garden and orchard crops

and includes collection of specimens, laboratory and field studies. (3)

302. PLANT BREEDING. This course is a study of the principles of variation, mutation, heredity, and plant breeding with reference to their application to the improvement of agricultural plants. (3)

401. ORCHARD FRUITS. This course will be a study of home and commercial orcharding, laying out, planting, pruning, and care of the young orchard, renovation of old orchards, harvesting, grading, packing and sorting of fruit. Prerequisite: Horticulture 101-2. (3)

402. LANDSCAPE GARDENING. This course deals with the principles of landscape gardening with particular reference to the laying out and planting of the home grounds and school grounds. Work begins with the study of ornamental shrubs, vines and trees adapted to landscape work. (3)

THE BIBLE SCHOOL

IRVIN R. DETWEILER, Acting President.....	New Testament
AMOS E. KREIDER, Dean....	Old Testament, Church History
SILAS HERTZLER	Religious Education
AMOS S. EBERSOLE	Music

The Bible work is organized and maintained to meet the needs of two classes of students. It aims to give all students an opportunity to obtain a comprehensive knowledge of the great themes of the Bible while they are at the same time taking their training in college. It also aims to give special opportunity for thorough Bible study to those who are planning to take up direct religious work. The school gives the student a broad and practical knowledge of the history, literature and thought of the Bible by the best methods of interpretation and independent study. The courses vary in scope and method so that the need of practically every one may be served.

The courses are so planned that the best inductive methods may be used. The student is taught theology after the way has been carefully prepared by the inductive, practical and scriptural methods. Instead of approaching the themes in theology from a dogmatic point of view the student is led into the truth.

The regular curriculum covers two years. The entrance requirements are identical with those to the College curriculum leading to the degree of Bachelor of Arts, for which see page 29. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament are given. These with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially

helpful to Missionaries and Church and Sunday School workers.

OLD TESTAMENT

Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

For the plan of numbering the courses see page 34.

- 101-2. **BIBLICAL LITERATURE.** An introduction to the study of the Bible, intended to be an outline study of both the Old and the New Testament. The origin, canonicity, inspiration, authority and problems of history and interpretation will be taken up. The great doctrinal teachings of the Bible will receive special emphasis. Text: "The Cyclopedic Handbook to the Bible," by Angus-Green. Freshmen are expected to take this course. (3)
- 201-2. **EARLY OLD TESTAMENT HISTORY AND LITERATURE.** A study of the history and prophecy in Israel from the beginning to the fall of Jerusalem. Portions of Joshua, Judges, Samuel, Kings and Chronicles will form the basis of study. (3)
- 301-2. **LATER OLD TESTAMENT HISTORY AND PROPHECY.** A study of the history and prophecy in Israel from the fall of Jerusalem to the end of the Old Testament period. The Bible is the text. (3)
407. **DEVOTIONAL AND WISDOM LITERATURE OF THE HEBREWS.** A general survey with a more careful study of the characteristic selections. (3)

NEW TESTAMENT

Special attention is given to the origin and development of our New Testament writings. In the study of the several books each book is considered with respect to its historical settings, literary character, author, first readers, occasion, aims, and social, ethical and doctrinal teaching.

- 101-2. ELEMENTARY NEW TESTAMENT GREEK. The course will include a mastery of the elements of New Testament Greek and a reading of the Gospel of John. (3)
- 201-2. THE SYNOPTIC GOSPELS IN GREEK. A careful translation of Mark, Matthew and Luke. Grammatical study with special emphasis on syntax will continue through the year. (3)
- 203-4. THE WRITINGS OF LUKE AND OF PAUL. A study of the writings of Luke and of Paul in English. Special attention is given to the portions peculiar to the Gospel of Luke, and to the synoptic problem. The Book of Acts is made the basis for the study of the growth of the early Christian church. Of the epistles of Paul, Galatians and Phillipians will be carefully studied. (3)
- 301-2. PAULINE EPISTLES IN GREEK. Portions of the Acts and a number of the epistles of Paul will be read. (3)
303. GOSPEL OF JOHN. A thorough inductive study of the Gospel of John. The development of thought is traced and the leading terms of the Gospel are studied. (2)
304. EPISTLES OF JOHN AND CATHOLIC EPISTLES. The epistles of John, James, Peter and Jude are studied inductively. (2)
- 401-2. THE LIFE AND TEACHINGS OF JESUS. A careful his-

torical study of Jesus' purpose, method, characteristics of His message, work and personality, followed by an interpretation of His teachings in the light of the Judaism and historical background of Jesus' day. There will be a careful classification and analysis of the content of His sayings and a study of the meaning of His teachings for the present. (3)

- 403-4. THE LIFE AND TEACHINGS OF PAUL. A study of the historical conditions of Paul's life, his relation to Judaism and the Greek world, important events of his life, Paul as a missionary, Paul as a writer, and Paul as a man of God. It is the aim of the course to acquaint the student with the fundamental teachings of Paul on such subjects as Law, Sin, Grace, and Flesh. (3)

CHURCH HISTORY

- 201-2. HISTORY OF THE CHRISTIAN CHURCH. This course covers the three periods of Ancient, Medieval and Modern Church History. Special attention will be given to the great historical movements that affected the Christian Church. (3)
- 301-2. HISTORY OF THE MENNONITES. A brief survey of the Reformation and the Anabaptists will be followed by a study of the history of the Mennonites in Europe and America. (2)

PRACTICAL THEOLOGY

- 301-2. HOMILETICS. The purpose of this course is to study the general principles of and the place of preaching in the church. (3)

MISSIONS

- 201-2. HISTORY OF MISSIONS. A rapid survey of the missionary activities of the Christian church from the time of the apostles to the present time with special emphasis on the modern missionary movement

culminating in a study of the leading modern missionary fields. India, South America, the Near East, Africa, Japan, and China will be studied. The countries in which our Mennonite missions are located will receive special emphasis. (3)

301. PRINCIPLES AND METHODS IN MISSION WORK. A course in the principles underlying mission work, and the application of these principles in the various mission fields. Also problems of material, method and organization. (2)

302. RELIGIONS OF MISSION FIELDS. A course in the study of the religions of mission fields. A comparison among the various religions will be made, as well as between them and Christianity. The course will include a discussion of the best methods of meeting the specific needs of each. (2)

RELIGIOUS EDUCATION

301. PRINCIPLES OF RELIGIOUS EDUCATION. A systematic study of the principles of religious education, especially as they apply to the work of the Sunday School and the other teaching activities of the church. The principles developed will also be applied to the religious teaching in the home. (3)

302. THE CHURCH SCHOOL. The special problem of the course will be the organization and management of the religious educational work of the church. Although the main emphasis will be on the work of the Sunday School the course will include other educational activities of the church. (3)

401. HISTORY OF RELIGIOUS EDUCATION. This course will touch upon the educational ideals and methods of the Christian church from its beginning down to the present time. The greatest stress will be on the development of religious education since Reformation times. (3)

402. MATERIAL AND METHOD IN RELIGIOUS EDUCATION. The analysis of Biblical Material for use of various grades in the Sunday School, showing the special adaptability of certain portions for certain ages. To find the best methods of Bible teaching a study will be made of Jesus as a teacher, noting his methods of work, and how He applied these methods in His personal contact with His followers. (3)

ELEMENTARY COURSES IN BIBLE

11-2. A SURVEY OF THE OLD TESTAMENT. The Old Testament will serve as the text. The study will be as thorough as the time of the course will allow. (4)

21-2. A SURVEY OF THE NEW TESTAMENT. The New Testament will serve as the text. The study will be as thorough as the time of the course will allow. (4)

31. LIFE OF JESUS. A study of the life and teachings of Jesus based on the Gospels. (4)

32. LIFE OF PAUL. A study of the life and teachings of Paul based on the book of Acts and the Pauline epistles. (4)

41. LEADERS IN THE CHRISTIAN CHURCH. A study of the church fathers, and of the leaders of the Christian church down to the present time. (4)

42. SUNDAY SCHOOL METHODS. The first year of the Teacher Training curriculum for Sunday School Workers will be covered in this course. (4)

SPECIAL BIBLE TERM

The short course in Bible study has been a feature of the institution for a number of years and has become a great help to many young people, Sunday School workers and the ministry.

The work in this course is done as thoroughly as can be expected in six weeks. The same attention is given in this work as in any department of the institution. Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. The student is taught how to study his Bible independently.

During the short course the student rooms and boards at the school which gives him all the time between classes for study and preparation of definite assigned lessons. He has the opportunity to meet and become acquainted with the large number of young men and women who are attending college.

The library gives large opportunities for reading and collecting books for future use. It contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts to all of which the student has free access.

THE ACADEMY

DANIEL A. LEHMAN, Principal.

The work in the Academy covers four years and is outlined especially for those who contemplate the completion of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

Students who have completed the work of the eighth grade of common school studies will be admitted without examination.

REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours' recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year is the unit of credit. For graduation sixteen units are required of which the following are prescribed:

English	3 units
Mathematics	2 units
Foreign Languages	2 units
Ancient History	1 unit
Science	1 unit
Electives:	
Additional units chosen from above group	2 units
Electives	5 units

Total for Graduation16 units

The five electives may be selected from any of the

subjects in the Academy and within certain limitations from the other schools of the college.

CURRICULUM

FIRST YEAR

First Semester
 Latin I
 Algebra I
 Botany I
 English I

Second Semester
 Latin I
 Algebra I
 Botany I
 English I

SECOND YEAR

First Semester
 Latin II
 Early European History I
 Plane Geometry II
 English II

Second Semester
 Latin II
 Early European History I
 Plane Geometry II
 English II

THIRD YEAR

First Semester
 Latin III
 Zoology II
 Modern European History II
 Solid Geometry IIIa
 Algebra IIIb
 English III

Second Semester
 Latin III
 Zoology II
 Modern European History II
 Solid Geometry IIIa
 Algebra IIIb
 English III

FOURTH YEAR

First Semester
 Latin IV
 United States History IIIa
 French I
 Physics III
 English V

Second Semester
 Latin IV
 Civics IIIb
 French I
 Physics III
 English V

AGRICULTURE

For the plan of numbering courses see page 34.

11. FIELD CROPS. This is an elementary study of plants, soils, cereal crops, legumes, forage crops, weeds, and field management. (4)
12. POULTRY. A study of classes and breeds, principles and housing, feeds and feeding, incubation and care of chicks. (4)
21. ANIMAL HUSBANDRY. This course takes up the study of breeds of live stock, judging, composition of feeds, feeding and general management. (4)
22. FEEDS AND FEEDING. This course takes up the problem of animal nutrition, feeding standards, feeding

stuffs, calculating rations, preparation of feeds. (4)

31. HORTICULTURE. The production of both large and small fruits for home use will be studied. Recitations, laboratory work and reports. (4)

32. SOILS. This is an elementary study of different types of soils as to: formation, structure, texture, use of organic matter, use of fertilizers, drainage and general management. (4)

41. FARM MACHINERY. This course will include a class and laboratory study of standard farm machinery. (4)

42. FARM MANAGEMENT. A study of farm equipment, maintenance of soil fertility, systems of cropping, marketing, etc. (4)

ART

As much as eight hours of Art and Music together may be counted toward completion of the Academy curriculum.

11.2. FREEHAND DRAWING. This course presents the subjects of nature and object drawing, perspective and color, realistic and decorative treatment. Two double hours each week. (2)

21.2. APPLIED ART. The first semester is devoted to the study of "Art in the Home" with making or original designs applicable to interior decoration. The second semester consists of work in life drawing, terminating in "Costume Design" or "Commercial Art" problems subject to the student's choice. Two double periods each week. (2)

BIBLE

11-2. A SURVEY OF THE OLD TESTAMENT. (4)

21-2. A SURVEY OF THE NEW TESTAMENT. (4)

31. LIFE OF JESUS. (4)

32. LIFE OF PAUL. (4)

41. LEADERS IN THE CHRISTIAN CHURCH. (4)

42. SUNDAY SCHOOL METHODS. (4)

For description of courses in Bible see page 69.

BUSINESS

11-2. ELEMENTARY BOOKKEEPING. (5)

21-2. SHORTHAND. (5)

15. COMMERCIAL ARITHMETIC. (4)

16. COMMERCIAL LAW. (4)

18. COMMERCIAL GEOGRAPHY. (4)

11-2. TYPEWRITING. (5)

For description of courses in Business see page 91.

ENGLISH

I. ENGLISH.

Two semesters.

a. Classics: Selections for study and reading will be made from Tales of a Wayside Inn, Treasure Island, Christmas Carol, Marmion, Birds and Bees, and Midsummer Night's Dream.

b. Composition and Rhetoric, including a review of grammar, two hours each week throughout the year. (4)

II. ENGLISH.

Two semesters.

a. Classics: Selections for study and reading will be made from the Odyssey, As You Like It, Ivanhoe, and The House of Seven Gables.

b. Composition and Rhetoric, two hours each week throughout the year. (4)

III. ENGLISH.

Two semesters.

History of American Literature and a study of standard American productions, such as Franklin's Autobiography, Sketch Book, Evangeline, The Vision of Sir Launfal, and Snowbound. (4)

IV. ENGLISH.

Two semesters

History of English Literature and a study of such standard productions as Macbeth, A Tale of Two Cities, Lays of Ancient Rome, and Idylls of the King. (4)

V. ENGLISH.

Two semesters.

Composition and Rhetoric: This will include an advanced course in composition and the oral presentation

both of original work and of suitable selections from standard productions. (4)

FRENCH

I. FRENCH.

Two semesters.

This course aims to give the student a practical acquaintance with the essentials of French grammar and enable him to turn short English sentences into idiomatic French and vice versa. Careful attention is given to pronunciation and colloquial drill in connection with the reading of easy French prose. (4)

HISTORY

I. EARLY EUROPEAN HISTORY.

Two semesters.

This course covers European history from the prehistoric times to the seventeenth century. The civilizations of Greece and Rome, the great movements of people, the great movements of thought such as the Renaissance and the Reformation, will be studied with special emphasis on those factors which were influential in determining modern civilization. (4)

II. MODERN EUROPEAN HISTORY.

Two semesters.

This course includes such important topics as the age of Louis XIV, the struggle for constitutional liberty in England, the rise of Prussia, the colonial rivalry of France and England, the French Revolution as a successful social upheaval, the growth of national unity, the spread of democracy, and the social, industrial, and economic changes of recent times. (4)

IIIa. UNITED STATES HISTORY.

First semester.

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present. (4)

IIIb. CIVICS.

Second semester.

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship. (4)

HOME ECONOMICS

I. COOKING.

First semester.

This course aims to give the student some of the underlying principles in the preparation of typical foods, serving of simple meals, care of kitchen, pantry and dining rooms. (2)

II. SEWING.

Second semester.

This course consists of making stitches, seams, hems and their application to garments. Hand and machine sewing. Garments for the individual student. Care of clothing. (2)

LATIN

I. LATIN.

Two semesters.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the instructor. An attempt is made to train the beginner to grasp the meaning of Latin before translating, and then to render into idiomatic English. (4)

II. LATIN.

Two semesters.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of Grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar. (4)

III. LATIN.

Two semesters.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations and Sallust's Catiline will be read. During the year's work an attempt will be made to gain a

knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used. (4)

IV. LATIN.

Two semesters.

The fourth year will be given to the study of Latin poetry. Four books of Virgil and Ovid's *Metamorphoses* will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. (4)

MATHEMATICS

I. ELEMENTARY ALGEBRA.

Two semesters.

This course passes by easy steps from problems in Arithmetic to Algebra. It includes the elements of quadratic equations, of proportion and variation. Many of the processes of elementary science are treated. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations. (4)

II. PLANE GEOMETRY.

Two semesters.

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts of statement and logical reasoning. (4)

IIIa. SOLID GEOMETRY.

Two semesters.

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text. (2)

IIIb. ADVANCED ALGEBRA.

Two semesters.

The subjects of Elementary Algebra are reviewed, with emphasis on quadratic equations, radicals, fractional exponents, proportion, variation, and the binomial theorem. (2)

MUSIC

As much as eight hours of Music and Art together may count toward the completion of the Academy curriculum.

11-2. ELEMENTARY SIGHT SINGING. (2)

13-4. ELEMENTARY EAR TRAINING-DICTATION. (2)

205-6. ADVANCED SIGHT SINGING, EAR TRAINING-DICTATION.
(2)

For description of courses in Music see page 83.

SCIENCE

I. BOTANY.

Two semesters.

Roots, stems, leaves, flowers, and seeds of our common plants will first be studied. Then the simpler plants as bacteria, pond scums, molds, rusts, mosses, and ferns will be taken up. In connection with the study of bacteria, special emphasis will be placed on hygiene. There will be classification of the flowering plants in the spring. (4)

II. ZOOLOGY.

Two semesters.

The course begins with a study of insects. Later the other main groups of animals including fishes, frogs, reptiles, birds, and mammals are studied. The relation of certain animals to disease will be given consideration. Some laboratory periods will be devoted to field work. (4)

III. PHYSICS.

Two semesters.

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats of the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed. (4)

THE SCHOOL OF MUSIC

IRVIN R. DETWEILER, Acting President.

AMOS S. EBERSOLE, Director...Voice, Sight Singing, Choral

OTTO HOLTKAMP Piano, Theory

ELVINA S. EBERSOLE Voice, Choral

GERARD DINKELOO Public School Music

INA K. SLATE Public School Art

FOREWORD

Music is no longer considered by leading educators a mere luxury to be enjoyed by a select few but as an essential part of our present day education, hence for the good of all. No education therefore can be pronounced complete which does not include at least a fair knowledge and appreciation of music.

For the professional musician there are now abundant opportunities in our churches, public schools and colleges and as private teachers, as vocal and instrumental soloists, evangelistic singers and as accompanists.

PURPOSE

It is the purpose of the School of Music:

First: To furnish such part of the college student's cultural equipment as will tend to the enrichment of his life through a fuller appreciation of the true and beautiful in music.

Second: To offer thorough and comprehensive training in regular outlined courses for those who wish to specialize in music as a profession.

Third: To urge the private study of singing and piano playing on the part of persons not otherwise connected with the college.

COLLEGE AND ACADEMY CREDIT FOR MUSIC

Eighteen hours in the theory of music may be count-

ed toward the completion of the curriculum leading to the degree of Bachelor of Arts.

Eight hours in Sight Singing 11-2, Eartraining-Dictation 13-4, and Art may count toward the completion of the curriculum of the Academy.

Appreciation of Music, and Chorus may count as unprepared credit toward the completion of Teacher Training curricula.

PRIVATE LESSONS

Any one may take private lessons in piano, or voice without registering for any other courses in the college. The strictest individual attention which the music student looks for in the private studio is enjoyed here, while many additional advantages may be had without extra cost in tuition. One or more of the theoretical courses may also be taken privately or in class. Persons residing in the immediate college community are especially urged to take advantage of the opportunities. Students may begin their study at any time.

I. FOUR-YEAR CURRICULUM

The Four-Year curriculum is outlined for those who wish to specialize in either piano playing or in singing. Those completing this curriculum will receive a diploma of graduation. The time indicated in the outline is that required for the average student. The outline indicates the required courses.

FIRST YEAR

Piano, at least two twenty-five minute lessons each week.
Voice, at least two twenty-five minute lessons each week.
Elementary Sight Singing.
Elementary Harmony.
College or Academy course.
Attendance at recitals and concerts.

SECOND YEAR

Piano.
Voice.
Advanced Harmony.
Harmonic Analysis.
History and Appreciation of Music.
Choral.
Church Music.
College or Academy course.
Participation in recitals and concerts.

THIRD YEAR

1. For Students Majoring in Piano Playing.

Piano, one fifty and one twenty-five minute lesson each week.

Simple Counterpoint.

Analysis of Music Form.

Methods in Teaching Piano.

Sight Playing and Accompanying.

Ensemble.

Public Recital.

2. For Students Majoring in Singing.

Voice, one fifty and one twenty-five minute lesson each week.

Simple Counterpoint.

Analysis of Music Form.

Methods in Vocal Instruction.

Singing Class Methods and Choral Conducting.

Foreign Language.

Choral.

Public Recital.

FOURTH YEAR

1. For Students Majoring in Piano Playing.

Piano, one fifty and one twenty-five minute lesson each week.

Advanced Counterpoint.

Accompaniments or Ensemble.

Public Recital.

2. For Students Majoring in Singing.

Voice, one fifty and one twenty-five minute lesson each week.

Repertoire Building.

Advanced Counterpoint.

Foreign Language.

Public Recitals.

II. THREE-YEAR CURRICULUM.

The Three-Year curriculum is substantially that of the first three years of the Four-Year curriculum. It should give the student the equipment necessary for broad training in music and at the same time a practical knowledge in his chosen specialty. Those completing this curriculum will receive a certificate of graduation.

III. TWO-YEAR CURRICULUM

The two-Year curriculum has been approved by the Indiana State Teachers' Training Board. Those completing the curriculum will be granted provisional special or supervisor's certificates in music valid for four years for teaching in any public, elementary or high school in the state without examination. Holders of these certificates may, after two years of successful experience, secure life certificates.

There shall be a total of at least sixty hours of professional and academic work in prepared courses. In ad-

dition there shall be ten hours of unprepared work. Unprepared work includes chorus, freehand drawing, penmanship, conferences and physical education—courses which require no time of the students other than that of the recitation.

The outline which follows gives both the courses which are prescribed and those recommended as electives.

FIRST YEAR

First Semester.

1. Prescribed Courses.
Elementary Sight Singing.
Elementary Eartraining-Dictation.
Elementary Harmony.
Voice (Two twenty-five minute lessons).
Piano (Two twenty-five minute lessons).
Introduction to Education.
English Composition.
Physical Education.
2. Elective Courses.
Chorus.
Art.

Second Semester.

1. Prescribed Courses.
Elementary Sight Singing.
Elementary Eartraining-Dictation.
Elementary Harmony.
Voice (Two twenty-five minute lessons).
Piano (Two twenty-five minute lessons).
Psychology of Childhood.
English Composition.
Plays and Games.
2. Elective Courses.
Chorus.
Art.

SECOND YEAR

First Semester.

1. Prescribed Courses.
Advanced Sight Singing,
Eartraining-Dictation.
History and Appreciation of Music.
Voice or Piano (Two twenty-five minute lessons).
Chorus.
Principles of Teaching.
Public School Music Methods.
English Literature.
2. Elective Courses.
Voice or Piano.
Piano Accompaniment.
Advanced Harmony.
Art.
History or Sociology.
Biological Science.

Second Semester.

1. Prescribed Courses.
Advanced Sight Singing,
Eartraining-Dictation.
History and Appreciation of Music.
Voice or Piano (Two twenty-five minute lessons).
Chorus.
Observation and Supervised Teaching of Music.
English Literature.
2. Elective Courses.
Voice or Piano.
Piano Accompaniment.
Harmonic Analysis.
Art.
History or Sociology.
Biological Science.

I. ONE-YEAR CURRICULUM

The One-Year curriculum is outlined for choristers, evangelistic singers and others who can spend only a short time in school. Students of ability can complete the work in one year.

The curriculum includes Voice, Sight Singing, Ear-

training-Dictation, Harmony, Church Music, a Bible and a College or Academy course.

THEORETICAL COURSES

For the plan of numbering the courses see page 34.

101-2. **ELEMENTARY HARMONY.** A study of scales, intervals, principal triads, cadences, connection of triads, harmonization of given melody, subordinate triads, inversions, chords of seventh and ninth in major and minor, all classes of discords, modulation. (2)

11-2. **ELEMENTARY SIGHT SINGING.** A very practical course for all students. A thorough drill in note reading and theoretical material essential to good sight singing. Study of motives and figures and their application to melodies. (2)

13-4. **ELEMENTARY EAR TRAINING-DICTATION.** Oral and written melodic and rhythmic dictation within the key, in one and two parts, recognition of principal triads. This course should be taken with Sight Singing 11-2. (2)

103-4. **PUBLIC SCHOOL MUSIC METHODS.** Problems and methods in the primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, material for all occasions, high school course, glee club, chorus and orchestra, supervised teaching and observation in city schools. The student must be able to sing the music to be used at sight. (2)

201. **ADVANCED HARMONY.** Modulation continued, altered chords, mixed chords (all forms of modulation), en-

harmonic exchange, suspension, appoggiatura and anticipation, passing tones and embellishment, organ point, florid melodies, accompaniments, chorales. (2)

202. HARMONIC ANALYSIS. A study of cadences, modulations, non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny and others. Prerequisite: Harmony 101-2, 201. (2)

203-4. HISTORY AND APPRECIATION OF MUSIC. A study of the evolution and art of music beginning with the uncivilized and ancient peoples, continuing up through the medieval period, church and secular music, the classical, romantic, and modern schools. The course is copiously illustrated and supplemented by a practical use of the phonograph. (2)

21. CHURCH MUSIC. Six informal lectures on the history, general character and present day usage of church music, with special reference to the hymn and congregational singing. Considerable attention will also be given to leadership in singing, song selections and various other practical phases of worship music will be taken up. (1/3)

23. SINGING CLASS METHODS AND CHORAL CONDUCTING. Six informal lectures giving a systematic outline of material for singing class teaching, methods of presentation, and theory and practice in choral conducting. (1/3)

205-6. ADVANCED SIGHT SINGING, EAR TRAINING-DICTATION. A review of principles of Sight Singing 11-2 and a continuation thereof with more difficult songs and exercises. Melodic dictation in two, three and four parts. Identification of the various triads and sept-chords. Chromatic passing tones, translations and modulations. (2)

- 31-2. SIGHT PLAYING AND ACCOMPANYING. It is the aim of this course to develop in the student the ability to think clearly and act quickly, thus enabling him to play difficult music at first sight. The art of accompanying will also be taken up, and will be made directly practical to the student by requiring at least one hour per week during two semesters in the voice studio. (2)
- 33-4. METHODS IN TEACHING PIANO. A course in elements and application of modern methods in teaching with special reference to children and intermediate grades. Particular phases will be emphasized by demonstration in actual teaching. Each student will be required to teach selected pupils under observation of the class and direction of the instructor. (1)
- 35-6. METHODS IN VOCAL INSTRUCTION. Lectures and round-table discussion on various phases of voice culture and song interpretation; supervised teaching. (1)
303. SIMPLE COUNTERPOINT. Counterpoint in one, two, three and four part writing. Prerequisite: Harmony 101-2, 201, 202. (2)
304. ANALYSIS OF MUSIC FORM. A study of fundamental details from the motive and primary form through the development of the composite forms with analysis of important types both classic and modern. Prerequisite: Harmony 101-2, 201, 202. (2)
- 401-2. ADVANCED COUNTERPOINT. A continuation of Counterpoint 303. A study of double counterpoint, canon and fuge. (2)

PRACTICAL COURSES

It is impossible to give a definite outline of the courses in singing and in playing for the reason that they vary more or less for each student according to his individual requirements.

The following outline of studies for the piano and the voice indicate the standard of technical difficulty in the various grades. The time required is usually three or four years for the average student having some knowledge of the elements of music to begin with but much depends upon the ability of the individual to make progress.

COURSES IN PIANO

"Quite aside from the value of the music and its spiritual enlightenment, (the student) gains so much in the general perception, in actual development of hands and eyes, in quick muscular response to an intellectual purpose, that the mastery of the piano is worth while in and for itself . . . It is manual training of the first order in addition to being an art which opens up such a large avenue of self-expression, and supplies one more vital interest for the enrichment of daily life."—Henderson.

First Year:

Technical exercises, scales, studies, sonatinas and suitable pieces by various composers.

Second Year:

Technical exercises, scales, arpeggios, double thirds, octaves, studies by Czerny, Cramer and Clementi, sonatas and pieces by Haydn, Mozart, Bach, Schumann and others.

Third Year:

Studies by Clementi, Czerny, Chopin, pieces by Bach, Beethoven, Chopin, Schumann and modern composers.

Fourth Year:

Advanced studies by Chopin, Liszt, pieces by Bach, Beethoven, Brahms, Modern Composers, including concerto from the following: Beethoven, Chopin, Saint Saens, Tschaikowsky, MacDowell.

The four years of work as outlined are a part of the requirements of the Four-Year curriculum. The first three years of work are a part of the Three-Year curriculum.

PIANO LESSONS FOR CHILDREN

These lessons will be given by one of the regular instructors in piano. They are twenty minutes in length and may be taken after school or on Saturdays. Children are given a special rate of tuition for which see page 27.

COURSES IN SINGING

Cultivation of the voice in singing as well as in elocution is now being regarded as an important branch of education by the leading men of our colleges and universities. To sing well requires a thorough knowledge of the voice and how to use it. Hence the formation of a good technical foundation is of first importance. It is the further aim to develop interpretative ability and to cultivate in the student an artistic taste and an appreciation of the best works of art. The regular work is based on the private lesson, but classes will also be conducted for the purpose of giving a practical knowledge of the vocal art to a larger number of students, and at a nominal cost to each.

First Year:

Principles of breathing as applied to tone production. Voice placing, vocalization, enunciation, elementary vocalises and suitable songs.

Second Year:

Principles of first year continued according to the requirements of the individual pupil. More difficult technical exercises and songs, and ensemble.

Third Year:

Advanced vocalization, interpretation, ensemble, repertory, songs from classic and modern composers.

Fourth Year:

Masterpieces of vocalization, interpretation, repertory. In order to complete the Four-Year curriculum the student must have a repertoire as follows: Five songs each, Schubert, Schumann, Brahms, Frank, and Rubenstein or equivalent. Ten songs by modern foreign composers; twenty-

five songs by American composers. Must know the solos for his voice in three oratorios to be selected by the teacher.

THE PHILHARMONIC CHORUS

This organization has an active membership of about eighty men and women and meets once a week throughout the school year for rehearsal. Standard choral works of a varied nature are studied and rendered in public concert each year. A series of artist recitals is also managed by this organization. Regular music students with the proper qualifications are required to sing in this chorus.

THE A CAPELLA CHORUS

It is the purpose of this organization to study some of the numerous sacred compositions of a very fine order written by various composers to be sung without instrumental accompaniment and to render these numbers at the Vesper services and other special religious occasions at the College during the year.

GENERAL INFORMATION

All students of the School of Music are subject to the general college regulations.

Students, or those contemplating study, are invited to consult freely with the Director relative to their work or plans for work. Special arrangements will be made for the convenience of those who wish to come to the School of Music for private lessons only.

Frequent lectures and recitals by members of the faculty and prominent lecturers and musicians from outside of the school and also student recitals are given during the year.

All regular Music School students must take at least two half-period private lessons per week.

Lessons missed by temporary absence and those falling regularly on legal holidays and on the last two days of a semester may be made up at the convenience of the instructor, or cancelled. Regular students may select one college or academy study each semester without extra tuition.

The minimum residence requirements for the Four-Year curriculum are three semesters; for the Three-Year curriculum, two semesters.

Commodious studios and practice rooms in Kulp Hall, and the Administration Building are equipped with seven good upright pianos and one Stief Artistic Grand. To this equipment are added as many rented instruments as are needed.

Courses in Voice, Piano, Harmony, and Public School Music are offered during the summer.

For special information, write to or call on the Director.

THE SCHOOL OF BUSINESS

IRVIN R. DETWEILER, Acting President.

JOHN E. WEAVER, Principal Shorthand, Typewriting

..... Bookkeeping, Penmanship

WILLIAM B. WEAVER Economics, Civics

ALMA WARYE English

The time required for the completion of a business curriculum depends upon the ability and previous training of the student. The schedules below cannot be strictly adhered to since a high school graduate might complete the course in much less time than an eighth grade graduate.

I. TWO-YEAR BOOKKEEPING CURRICULUM

Diplomas will be granted to those who satisfactorily complete this curriculum. A total of seventy-five credit hours are required. The following courses are prescribed.

FIRST YEAR

First Semester.
Elementary Bookkeeping
Penmanship
Commercial Arithmetic
Business English
Economics or Civics

Second Semester.
Elementary Bookkeeping
Penmanship
Commercial Arithmetic
Business English
Economics or Civics

SECOND YEAR

First Semester.
Shorthand
Dictation
Typewriting
Spelling

Second Semester.
Advanced Bookkeeping
Typewriting

II. TWO-YEAR SHORTHAND CURRICULUM

Diplomas will be granted to those who satisfactorily complete this curriculum. A total of seventy-five credit hours are required. The following courses are prescribed.

FIRST YEAR

First Semester.
Elementary Bookkeeping
Penmanship
Commercial Arithmetic
Business English
Spelling

Second Semester.
Elementary Bookkeeping
Penmanship
Commercial Law or
Geography
Correspondence
Spelling

SECOND YEAR

First Semester.

Shorthand
Dictation
Typewriting
English

Second Semester.

Shorthand
Dictation
Typewriting
English

III. ONE-YEAR BOOKKEEPING CURRICULUM

Certificates will be granted to those who satisfactorily complete this curriculum. A total of forty credit hours are required. The following courses are prescribed.

First Semester.

Elementary Bookkeeping
Typewriting
Commercial Arithmetic
Penmanship
Spelling

Second Semester.

Elementary Bookkeeping
Typewriting
Penmanship
Commercial Law

IV. ONE-YEAR SHORTHAND CURRICULUM

Certificates will be granted to those who satisfactorily complete this curriculum. A total of forty credit hours are required. The following courses are prescribed.

First Semester.

Shorthand
Dictation
Typewriting
Business English
Spelling

Second Semester.

Shorthand
Dictation
Typewriting
Correspondence
Spelling

COURSES IN BOOKKEEPING

For the plan of numbering the courses see page 34.

11,2. ELEMENTARY BOOKKEEPING. A budget is used which trains the pupils in the art of recording the simple transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The second set of Bookkeeping and Accountancy takes up a partnership wholesale business. Special rulings and columns are illustrated. The accounts and principles are similar to those used in any wholesale grocery business. Special supplementary exercises are given throughout the course.

Those interested in Agriculture may take a set of farm bookkeeping instead of the wholesale grocery set. (5)

- 21,2. **ADVANCED BOOKKEEPING.** The third budget represents a commission business conducted by a corporation. Enough supplementary exercises are given to show the pupil the method of opening and closing the books of a corporation.

While three budgets give the student a practical knowledge of the essentials involved in ordinary bookkeeping, we offer advanced work in Banking, Manufacturing, Real Estate and Agriculture. (5)

SHORTHAND

- 21,2. **SHORTHAND.** In the first semester the elementary and fundamental principles of the Gregg System are thoroughly mastered. The "Gregg Manual" is used as a text. Much drill and repetition are necessary to the acquisition of a shorthand vocabulary.

The text used in the second semester is "Gregg Speed Practices," a collection of classified business letters with vocabulary. These letters are practiced over and over by the student until they can be written with accuracy and speed. (5)

(A new class will be formed at the beginning of the second semester if there is sufficient demand.)

- 23,4. **DICTATION.** The dictation book is in the hands of the instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. The emphasis is placed on the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is a helpful feature. (2 or 3)

TYPEWRITING

- 11-2. TYPEWRITING. We teach touch typewriting in a thorough, systematic manner. The keyboard is first well memorized so that any key may be struck without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the "Expert Typewriting"—the manual used throughout the course. The Underwood machines are used and fitted with shields which cover the entire keyboard and which aid the student in acquiring the touch system. (5)

OTHER COURSES

- 11-2. PENMANSHIP. The Palmer System is taught which gives the student a plain, legible style well suited to business needs. (3)
13. BUSINESS ENGLISH. This is a course in practical applied English. It gives essentials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is given exercises which require original work. (2)
14. CORRESPONDENCE. A course in letter writing, punctuation, sending of telegrams, and methods of handling office correspondence. (2)
15. COMMERCIAL ARITHMETIC. A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithmetic is essential to rapid promotion in office work. The subject is made practical and interesting by emphasizing only those phases which the business man in any profession needs. (4)
16. COMMERCIAL LAW. This course gives the student sufficient knowledge of laws relating to commerce that he may conduct his own business with confidence. The work is made interesting by practical applica-

tions and supplementary assignments. (4)

18. COMMERCIAL GEOGRAPHY. In this course are studied the various factors that influence and control commerce. Attention is given to the mining and production of raw materials, to the process of manufacture, the establishment of large cities and to the tracing of the main trade routes of the world. (4)

21-3. SPELLING. A student may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. This course emphasizes not only the spelling of words but their pronunciation and meaning as well. (2)

DAILY SCHEDULE OF LECTURES

SECOND SEMESTER

MONDAY	TUESDAY	WEDNESDAY
7:50 Trigonometry 102 Sec. 1 General Zoology 102 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Poultry 12 Typewriting 12	7:50 Trigonometry 101 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302 Zoology II Poultry 12 Typewriting 12	7:50 Trigonometry 102 Sec. 1 General Zoology 102 Physics 202 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Zoology II Poultry 12 Typewriting 12
8:45 Biblical Literature 102 History English Lit 202 Gospels Greek 202 Church Composition 302 Pauline Epsls Greek 302 Poultry 12 Bookkeeping 12, 22 Shorthand 22	8:45 Elementary French 102 Physics 202 Psychology Childhood 104 Housplaning, Decoratn 306 English I Bookkeeping 12, 22 Shorthand 22 Hist. Appreectn Music 204	8:45 Biblical Literature 102 History English Lit 202 Physics 202 Syn Gospels Greek 202 French Composition 302 Pauline Epsls Greek 302 English I Zoology II Poultry 12 Bookkeeping 12, 22 Shorthand 22
9:40 Chapel	9:40 Chapel	9:40 Chapel
10:00 Compn 102 Sec. 1 Elementary German 102 Dressmaking 102 Bacteriology 202 General Sociology 302 Quantitative Analysis 302 French Novel 402 Teachings Jesus 402 Botany I Latin II Plane Geometry II Civics IIb Bookkeeping 12, 22 Penmanship 12	10:00 Eng Comp 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202 Botany I Latin II Plane Geometry II Civics IIb Bookkeeping 12, 22 Elementary Harmony 102	10:00 Eng Comp 102 Sec. 1 Elementary Germany 102 Elem Dressmaking 102 Bacteriology 202 General Sociology 302 Quantitative Analysis 302 French Novel 402 Life, Teachings Jesus 402 Botany I Sewing II Latin II Plane Geometry II Civics IIb Bookkeeping 12, 22 Penmanship 12 Advanced Harmony 202
10:55 Dressmaking 102 Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Qualitative Analysis 302 Breeding 302 Geometry IIIa Botany I Sewing II Leaders Christian Ch 12 Bookkeeping 12, 22	10:55 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202 Advanced Algebra IIIb Bookkeeping 12, 22	10:55 Elem Dressmaking 102 E O Test Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Quantitative Analysis 302 Animal Breeding 302 Botany I Sewing II Leaders Christian Ch 42 Bookkeeping 12, 22
11:50	11:50	11:50
NOON RECESS		
1:20 Botany 102 Orations 102 Foods and Cookery 104 St Luke, Paul 204 Chemistry 302 Punctuation 404	1:20 Cicero's Orations 102 Spoken English 208 Des Astronomy 304	1:20 General Botany 102 Cicero's Orations 102 Foods and Cookery 104 Writings Luke, Paul 204 Organic Chemistry 302 Punctuation 404

tions and supplementary assignments. (4)

18. COMMERCIAL GEOGRAPHY. In this course are studied the various factors that influence and control commerce. Attention is given to the mining and production of raw materials, to the process of manufacture, the establishment of large cities and to the tracing of the main trade routes of the world. (4)
- 21-3. SPELLING. A student may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. This course emphasizes not only the spelling of words but their pronunciation and meaning as well. (2)

DAILY SCHEDULE OF LECTURES AND RECITATIONS

FIRST SEMESTER

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
7:50 Algebra 101 Sec. 1 Gen Zoology 101 Prins Teaching 201 Hist Missions 201 English Hist 301 Hist Philos 301 Costume Design 401 Field Crops 11 Typewriting 11 8:45 Biblical Lit 101 Hist Eng Lit 201 Syn Gospels Greek 201 French Compn 301 Pauline Epsls Greek 301 Costume Design 401 Field Crops 11 Bookkeeping 11, 21 Shorthand 21 9:40 Chapel 10:00 Eng Compn 101 Sec. 1 Elem German 101 Clothing, Textiles 101 Mycology 201 Gen Sociology 301 Quan Analysis 301 French Novel 401 Life, Teaching Jesus 401 Botany I Sewing II Latin II Plane Geometry II U S History IIIa Bookkeeping 11, 21 Penmanship 11 10:55 Clothing, Textiles 101 E O T Hist, Prphy 201 Mycology 201 Cicero's Essays 301 Quan Analysis 301 Feeds, Feeding 303 Solid Geometry IIIa Botany I Sewing II Leaders Christn Ch 41 Bookkeeping 11, 21 11:50	7:50 Algebra 101 Sec. 2 Intdn Education 101 Gen Psychology 201 Hist Am Lit 301 Zoology II Field Crops 11 Typewriting 11 8:45 Elem French 101 Elem N Test Greek 101 Physics 201 Physiology, Hygn 203 Household Admin 305 English I Bookkeeping 11, 21 Shorthand 21 Hist, Aprcn Music 203 9:40 Chapel 10:00 Eng Compn 101 Sec. 2 European Hist 101 Farm Crops 101 Reading Mod German 301 Qual Analysis 201 Botany I Latin II Plane Geometry II U S History IIIa Bookkeeping 11, 21 Elem Harmony 101 10:55 Farm Crops 101 Prins Economics 201 Mycology 201 Test Elem Sch Subs 207 Test High Sch Subs 208 Advd Algebra IIIb Bookkeeping 11, 21 11:50	7:50 Algebra 101 Sec. 1 Gen Zoology 101 Physics 201 Prins Teaching 201 Hist Missions 201 English Hist 301 Hist Philos 301 Costume Design 401 Zoology II Field Crops 11 Typewriting 11 8:45 Biblical Lit 101 Hist Eng Lit 201 Physics 201 Syn Gospels Greek 201 French Compn 301 Pauline Epsls Greek 301 Costume Design 401 English I Zoology II Field Crops 11 Bookkeeping 11, 21 Shorthand 21 9:40 Chapel 10:00 Eng Compn 101 Sec. 1 Elem German 101 Clothing Textiles 101 Mycology 201 Gen Sociology 301 Quan Analysis 301 French Novel 401 Life, Teaching Jesus 401 Botany I Sewing II Plane Geometry II U S History IIIa Bookkeeping 11, 21 Penmanship 11 Advanced Harmony 201 10:55 Clothing, Textiles 101 E O T Hist, Prphy 201 Mycology 201 Cicero's Essays 301 Quan Analysis 301 Feeds, Feeding 303 Botany I Sewing II Leaders Christn Ch 41 Bookkeeping 11, 21 11:50	7:50 Algebra 101 Sec. 2 Intdn Education 101 Gen Psychology 201 Hist Am Lit 301 Zoology II Field Crops 11 Typewriting 11 8:45 Elem French 101 Elem N Test Greek 101 Physics 201 Physiology, Hygn 203 Household Admin 305 English I Bookkeeping 11, 21 Shorthand 21 Hist, Aprcn Music 203 9:40 Chapel 10:00 Eng Compn 101 Sec. 2 European Hist 101 Farm Crops 101 Reading Mod German 301 Qual Analysis 201 Botany I 10:55 Farm Crops 101 Prins Economics 201 Mycology 201 Test Elem Sch Subs 207 Test High Sch Subs 208 Solid Geometry IIIa Leaders Christn Ch 41 Bookkeeping 11, 21 11:50	7:50 Algebra 101 Sec. 1 Gen Zoology 101 Physics 201 Prins Teaching 201 Hist Missions 201 English Hist 301 Hist Philos 301 Costume Design 401 Zoology II Typewriting 11 8:45 Biblical Lit 101 Hist Eng Lit 201 Physics 201 Syn Gospels Greek 201 French Compn 301 Pauline Epsls Greek 301 Costume Design 401 English I Zoology II Bookkeeping 11, 21 Shorthand 21 9:40 Chapel 10:00 Eng Compn 101 Sec. 1 Elem German 101 Clothing Textiles 101 Mycology 201 Gen Sociology 301 Quan Analysis 301 French Novel 401 Life, Teaching Jesus 401 Latin II Plane Geometry II U S History IIIa Bookkeeping 11, 21 Penmanship 11 Advanced Harmony 201 10:55 Clothing, Textiles 101 E O T Hist, Prphy 201 Mycology 201 Cicero's Essays 301 Quan Analysis 301 Feeds, Feeding 303 Advd Algebra IIIb Leaders Christn Ch 41 Bookkeeping 11, 21 11:50	7:50 Algebra 101 Sec. 2 Intdn Education 101 Gen Psychology 201 Hist Am Lit 301 Elem French 101 Elem N Test Greek 101 Physics 201 Physiology, Hygn 203 Household Admin 305 English I Bookkeeping 11, 21 Shorthand 21 9:40 Chapel 10:00 Eng Compn 101 Sec. 2 European Hist 101 Farm Crops 101 Reading Mod German 301 Qual Analysis 201 Farm Crops 101 Prins Economics 201 10:35 Test Elem Sch Subs 207 Test High Sch Subs 208 11:30
NOON RECESS					
1:20 General Botany 101 Cicero's Orations 101 Foods, Cookery 103 Writings Luke, Paul 203 Organic Chem 301 Eng Usage 403 Hist Education 401 Algebra I English III Survey New Test 21 Commercial Arith 15 2:15 General Botany 101 Food, Cookery 103 Hist Christn Ch 201 Children's Lit 211 Am Government 301 Organic Chem 301 Mod European Hist II Farm Machinery 41 3:10 Gen Chemistry 101 Calculus 221 Food Chemistry 201 Pub School Systems 301 Prins Relig Edn 301 English II Business Eng 15 Typewriting 11 4:00	1:20 Cicero's Orations 101 Spoken Eng 207 Des Astronomy 301 Algebra I Commercial Arith 15 Elem Sight Singing 11 2:15 Virgil's Aeneid 201 Analytical Geom 201 Observn Elem Grades 205 Hist Mennonites 301 Eng Poets 19th C 401 Teachers' Eng Gram 17 Mod European Hist II Ad Sight Sing Er T-D 205 3:10 Intern French 201 Literary Types 303 Teachers' Am History 17 English II Typewriting 11 Spelling 21 Dictation 23 4:00	1:20 General Botany 101 Cicero's Orations 101 Foods, Cookery 103 Writings Luke, Paul 203 Organic Chem 301 Eng Usage 403 Hist Education 401 English III Survey New Test 21 Commercial Arith 15 Elem Ear Trng-Dictn 13 2:15 Gen Chemistry 101 Virgil's Aeneid 201 Food Chemistry 201 Hist Christn Ch 201 Children's Lit 211 Am Government 301 Organic Chem 301 Latin I Farm Machinery 41 3:10 Gen Chemistry 101 Calculus 221 Food Chemistry 201 Pub School Systems 301 Prins Relig Edn 301 Business Eng 15 Typewriting 11 4:00	1:20 Cicero's Orations 101 Spoken Eng 207 Des Astronomy 301 Algebra I English III Survey New Test 21 Commercial Arith 15 Elem Sight Singing 11 2:15 Virgil's Aeneid 201 Analytical Geom 201 Observn Elem Grades 205 Hist Mennonites 301 Eng Poets 19th C 401 Teachers' Eng Gram 17 Latin I Mod European Hist II Farm Machinery 41 Ad Sight Sing Er T-D 205 3:10 Intern French 201 Literary Types 303 Teachers' Am History 17 English II Typewriting 11 Spelling 21 Dictation 23 4:00	1:20 General Botany 101 Foods, Cookery 103 Writings Luke, Paul 203 Organic Chem 301 Eng Usage 403 Hist Education 401 Algebra I English III Survey New Test 21 2:15 Virgil's Aeneid 201 General Botany 101 Foods, Cookery 103 Hist Christn Ch 201 Children's Lit 211 Am Government 301 Organic Chem 301 Latin I Mod European Hist II Farm Machinery 41 3:10 Gen Chemistry 101 Calculus 221 Food Chemistry 201 Pub School Systems 301 Prins Relig Edn 301 English II Business Eng 15 Typewriting 11 4:00	

TURES AND RECITATIONS

EMESTER

THURSDAY	FRIDAY	SATURDAY
7:50 Trigonometry 102 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302	7:50 Trigonometry 102 Sec. 1 General Zoology 102 Physics 202 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Zoology II	7:50 Trigonometry 102 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302
Zoology II Poultry 12 Typewriting 12	Typewriting 12	
8:45 Elementary French 102	8:45 Biblical Literature 102 History English Lit 202 Physics 202 Syn Gospels Greek 202 French Composition 302 Pauline Epsls Greek 302 English I Zoology II	8:45 Elementary French 102
Physics 202 Psychology Childhood 104 Housplaning, Dcoratn 306 English I	Bookkeeping 12, 22 Shorthand 22 Hist, Appreectn Music 204	Psychology Childhood 104 Housplaning, Dcoratn 306
9:40 Chapel	9:40 Chapel	9:40 Eng Compn 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202
10:00 Eng Comp 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202	10:00 Eng Compn 102 Sec. 1 Elementary German 102 Elem Dressmaking 102 Bacteriology 202 General sociology 302 Quantitative Analysis 302 French Novel 402 Life, Teachings Jesus 402	10:35 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202
10:55 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202	10:55 Elem Dressmaking 102 E O Test Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Quantitative Analysis 302 Animal Breeding 302 Advanced Algebra IIb	
Solid Geometry IIIa	Latin II Plane Geometry II Civics IIb Bookkeeping 12, 22 Penmanship 12 Advanced Harmony 202	
Leaders Christian Ch 42 Bookkeeping 12, 22 11:50	Leaders Christian Ch 42 Bookkeeping 12, 22 11:50	11:30
1:20 Cicero's Orations 102 Spoken English 208 Des Astronomy 302	1:20 General Botany 102 Foods and Cookery 104 Writings Luke, Paul 204 Organic Chemistry 302 Punctuation 404	

THE SHORT SPRING TERM

A six week term synchronizing with the last six weeks of the regular year will begin Thursday, May 4th, and will close Wednesday, June 14th. The courses are organized especially for the benefit of teachers in service whose schools close early enough to make it possible for them to enter at this time.

A bulletin issued in February will give a full outline of the work of the Short Spring Term. Write for the bulletin if interested.

THE SUMMER TERM

The twenty-fourth Summer Term of Goshen College will begin Monday, June 19th, and end Friday, September 1st, 1922. Instruction will continue for eleven weeks, including classes on five Saturdays, thus making the equivalent of a full twelve weeks' term.

FACULTY

The instructors for the Summer Term are very largely chosen from the staff of instructors for the regular year. They are men and women of thorough training and wide experience.

PURPOSE

The Summer Term is conducted primarily in the interests of those who are preparing to teach, but who for various reasons find it impossible to attend college during the regular year. Credit earned during the summer may be applied toward the completion of any of the Teacher Training curricula, and the courses offered are such that students find no difficulty in arranging their work though they are in attendance for a number of summers.

There will also be offered a wide range of courses open to regular college and high school students.

A bulletin issued in February will give a full outline of the work of the Summer Term. Write for the bulletin if interested.

DAILY SCHEDULE OF LECTURES AND RECITATIONS

SECOND SEMESTER

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
7:50 Trigonometry 102 Sec. 1 General Zoology 102 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Poultry 12 Typewriting 12 8:45 Biblical Literature 102 History English Lit 202 Syn Gospels Greek 202 French Composition 302 Pauline Epsls Greek 302 Poultry 12 Bookkeeping 12, 22 Shorthand 22	7:50 Trigonometry 101 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302 Zoology II Poultry 12 Typewriting 12 8:45 Elementary French 102 Physics 202 Psychology Childhood 104 Housplaning, Decoratn 306 English I Bookkeeping 12, 22 Shorthand 22 Hist, Apprectn Music 204	7:50 Trigonometry 102 Sec. 1 General Zoology 102 Physics 202 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Zoology II Poultry 12 Typewriting 12 8:45 Biblical Literature 102 History English Lit 202 Physics 202 Syn Gospels Greek 202 French Composition 302 Pauline Epsls Greek 302 English I Zoology II Poultry 12 Bookkeeping 12, 22 Shorthand 22	7:50 Trigonometry 102 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302 Zoology II Poultry 12 Typewriting 12 8:45 Elementary French 102 Physics 202 Psychology Childhood 104 Housplaning, Decoratn 306 English I Bookkeeping 12, 22 Shorthand 22 Hist, Apprectn Music 204	7:50 Trigonometry 102 Sec. 1 General Zoology 102 Physics 202 Special Elem Methods 202 History Missions 202 English History 302 History Philosophy 302 The Family 402 Zoology II Typewriting 12 8:45 Biblical Literature 102 History English Lit 202 Physics 202 Syn Gospels Greek 202 French Composition 302 Pauline Epsls Greek 302 English I Zoology II Bookkeeping 12, 22 Shorthand 22	7:50 Trigonometry 102 Sec. 2 Rural Life 104 Psychology Thinking 206 Advd Dressmaking 206 Hist American Lit 302 Psychology Childhood 104 Housplaning, Decoratn 306 8:45 Elementary French 102
9:40 Chapel 10:00 Eng Comp 102 Sec. 1 Elementary German 102 Elem Dressmaking 102 Bacteriology 202 General Sociology 302 Quantitative Analysis 302 French Novel 402 Life, Teachings Jesus 402 Botany I Sewing II Latin II Plane Geometry II Civics IIIB Bookkeeping 12, 22 Penmanship 12 10:55 Elem Dressmaking 102 E O Test Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Quantitative Analysis 302 Animal Breeding 302 Solid Geometry IIIa Botany I Sewing II Leaders Christian Ch 12 Bookkeeping 12, 22 11:50	9:40 Chapel 10:00 Eng Comp 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202 Botany I Latin II Plane Geometry II Civics IIIB Bookkeeping 12, 22 Elementary Harmony 102 10:55 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202 Advanced Algebra IIIB Bookkeeping 12, 22 11:50	9:40 Chapel 10:00 Eng Comp 102 Sec. 1 Elementary German 102 Elem Dressmaking 102 Bacteriology 202 General Sociology 302 Quantitative Analysis 302 French Novel 402 Life, Teachings Jesus 402 Botany I Sewing II Latin II Plane Geometry II Civics IIIB Bookkeeping 12, 22 Penmanship 12 Advanced Harmony 202 10:55 Elem Dressmaking 102 E O Test Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Quantitative Analysis 302 Animal Breeding 302 Botany I Sewing II Leaders Christian Ch 42 Bookkeeping 12, 22 11:50	9:40 Chapel 10:00 Eng Comp 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202 Botany I 10:55 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202 Solid Geometry IIIa Leaders Christian Ch 42 Bookkeeping 12, 22 11:50	9:40 Chapel 10:00 Eng Comp 102 Sec. 1 Elementary German 102 Elem Dressmaking 102 Bacteriology 202 General sociology 302 Quantitative Analysis 302 French Novel 402 Life, Teachings Jesus 402 Latin II Plane Geometry II Civics IIIB Bookkeeping 12, 22 Penmanship 12 Advanced Harmony 202 10:55 Elem Dressmaking 102 E O Test Hist, Prphy 202 Bacteriology 202 Cicero's Essays 302 Quantitative Analysis 302 Animal Breeding 302 Advanced Algebra IIIB Leaders Christian Ch 42 Bookkeeping 12, 22 11:50	9:40 Eng Comp 102 Sec. 2 European History 102 Forage Crops 102 Reading Mod German 302 Qualitative Analysis 202 10:35 Elem New Test Greek 102 Forage Crops 102 Prins Economics 202 11:30
NOON RECESS					
1:20 General Botany 102 Cicero's Orations 102 Foods and Cookery 104 Writings Luke, Paul 204 Organic Chemistry 302 Punctuation 404 Principles Education 402 Algebra I English III Survey New Testament 22 Commercial Law 16 2:15 General Botany 102 Nutrition, Dietetics 202 History Christian Ch 202 Story Telling 212 European Govts 302 Organic Chemistry 302 Latin I Mod European History II Farm Management 42	1:20 Cicero's Orations 102 Spoken English 208 Des Astronomy 304 Algebra I Commercial Law 16 Elem Sight Singing 12 2:15 Virgil's Aeneid 202 Analytical Geometry 202 History Mennonites 302 English Poets 19th C 402 Teachers' Geography 18 Organic Chemistry 302 Latin I Mod European History II Ad Sight Sing E T-D 205	1:20 General Botany 102 Cicero's Orations 102 Foods and Cookery 104 Writings Luke, Paul 204 Organic Chemistry 302 Punctuation 404 Principles Education 402 English III Survey New Testament 22 Commercial Law 16 Elem Ear Train-Dictn 14 2:15 General Chemistry 102 Virgil's Aeneid 202 Nutrition, Dietetics 202 History Christian Ch 202 Story Telling 212 European Govts 302 Organic Chemistry 302 Latin I Farm Management 42	1:20 Cicero's Orations 102 Spoken English 208 Des Astronomy 302 Algebra I English III Survey New Testament 22 Commercial Law 16 Elem Sight Singing 12 2:15 Virgil's Aeneid 202 Analytical Geometry 202 History Mennonites 302 English Poets 19th C 402 Teachers' Geography 18 Organic Chemistry 302 Latin I Mod European History II Farm Management 42	1:20 General Botany 102 Foods and Cookery 104 Writings Luke, Paul 204 Organic Chemistry 302 Punctuation 404 Principles Education 402 Algebra I English III Survey New Testament 22 Commercial Law 16 Elem Ear Train-Dictn 14 2:15 Virgil's Aeneid 202 General Botany 102 Nutrition, Dietetics 202 History Christian Ch 202 Story Telling 212 European Govts 302 Organic Chemistry 302 Latin I Mod European History II Farm Management 42	
3:10 General Chemistry 102 Calculus 222 Nutrition, Dietetics 202 Secondary Education 302 The Church School 302 English II Correspondence 14 Typewriting 12 Dictation 24 4:00	3:10 Intermediate French 202 Literary Types 304 Teachers' Arithmetic 18 English II Typewriting 12 Spelling 22 4:00	3:10 General Chemistry 102 Calculus 222 Nutrition, Dietetics 202 Secondary Education 302 The Church School 302 Correspondence 14 Typewriting 12 Dictation 24 4:00	3:10 Intermediate French 202 Literary Types 304 Teachers' Arithmetic 18 English II Typewriting 12 Spelling 22 Dictation 24 4:00	3:10 General Chemistry 102 Calculus 222 Nutrition, Dietetics 202 Secondary Education 302 The Church School 302 English II Correspondence 14 Typewriting 12 4:00	

THE SHORT SPRING TERM

A six week term synchronizing with the last six weeks of the regular year will begin Thursday, May 4th, and will close Wednesday, June 14th. The courses are organized especially for the benefit of teachers in service whose schools close early enough to make it possible for them to enter at this time.

A bulletin issued in February will give a full outline of the work of the Short Spring Term. Write for the bulletin if interested.

THE SUMMER TERM

The twenty-fourth Summer Term of Goshen College will begin Monday, June 19th, and end Friday, September 1st, 1922. Instruction will continue for eleven weeks, including classes on five Saturdays, thus making the equivalent of a full twelve weeks' term.

FACULTY

The instructors for the Summer Term are very largely chosen from the staff of instructors for the regular year. They are men and women of thorough training and wide experience.

PURPOSE

The Summer Term is conducted primarily in the interests of those who are preparing to teach, but who for various reasons find it impossible to attend college during the regular year. Credit earned during the summer may be applied toward the completion of any of the Teacher Training curricula, and the courses offered are such that students find no difficulty in arranging their work though they are in attendance for a number of summers.

There will also be offered a wide range of courses open to regular college and high school students.

A bulletin issued in February will give a full outline of the work of the Summer Term. Write for the bulletin if interested.

CALENDAR OF PUBLIC EVENTS

October 11—The Bell Ringing Male Quartet, concert.

October 25—The New York Chamber Music Society, concert.

December 7—Allen A. Tanner, lecture, "The Heart of the Toiler."

December 20—Philharmonic Chorus, concert.

January 18—Albert E. Wiggam, lecture, "Heredity."

February 22—Adrian M. Newens, lecture, "To Him That Hath."

March 2—Arthur W. Evans, lecture, "The Lords of the Land."

March 9—Louis Kreidler, Baritone, song recital.

March 11—Intercollegiate Debate, Goshen College vs. Valparaiso University.

March 23—Annual Peace Oratorical Contest.

March 27—The A Cappella Chorus, concert.

April 4—Elwood T. Bailey, lecture, "The Call of the Hour."

May 6—College Male Quartet, Annual Home Concert.

June 1—Miss Cordelia Riesen, Soprano, Graduating Recital.

June 12—Amos E. Kreider, B. D., Baccalaureate Sermon.

June 14—Philharmonic Chorus, concert, "The Creation" (Haydn).

Soloists:

Louise Boedker, Soprano;

Eugene Dressler, Tenor;

Herbert Miller, Baritone.

June 16—College Glee Clubs, Annual Home Concert.

June 17—Dr. M. A. Honline, Commencement Address.

GRADUATES OF 1921

DEGREES CONFERRED

BACHELOR OF ARTS

Brunk, Walter	Elida, Ohio
Grassmeyer A. Fay	Belleville, Pa.
Harnish, Ella	Garden City, Mo.
Hershberger, Lloyd G.	Walnut Creek, Ohio
Leaman, Bertha R.	Paradise, Pa.
Lehman, Josephine	Nappanee, Ind.
Miller, David W.	Sugar Creek, Ohio
Nunemaker, Harvey E.	Sterling, Ill.
Oswald, Walter E.	Charm, Ohio
Smucker, Wilma	Orrville, Ohio
Steiner, Esther A.	Columbus Grove, Ohio
Stoltzfus, Lena	West Liberty, Ohio

BACHELOR OF SCIENCE AND AGRICULTURE

Weber, Harry F.	Sterling, Ill.
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GRADUATE IN MUSIC

Riesen, Cordelia	Berne, Ind.
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GRADUATES FROM ACADEMY

Bauman, Oliver	Elmira, Ontario
Bowman, Edna	Waterloo, Ontario
Fretz, Lewis	Markham, Ontario
Hostettler, Alma	Elkhart, Ind.
Hostettler, James	Baltic, Ohio
Horst, Bertha	White Cloud, Mich.
Kreider, Iva	Wadsworth, Ohio
Pletcher, Schuyler	Goshen, Ind.
Shertz, Vera	Roanoke, Ill.
Shantz, Sarah	Elkhart, Ind.
Smoker, Guy	Goshen, Ind.
Smoker, Louise	Goshen, Ind.
Smucker, Wilbur	Goshen, Ind.
Snyder, Lillian	Baden, Ontario

ROSTER OF STUDENTS 1920-21

COLLEGE

SENIORS

Baer, Martin	Topeka, Ind.
Brunk, Walter	Elida, Ohio
Cressman, J. Boyd	Kitchener, Ontario
Grassmeyer, A. Fay	Belleville, Pa.
Harnish, Ella L.	Garden City, Mo.
Hershberger, Lloyd G.	Walnut Creek, Ohio
Hostetler, Daniel	Baltic, Ohio
Lantz, Nora	Topeka, Ind.
Leaman, Bertha R.	Paradise, Pa.
Lehman, Josephine	Nappanee, Ind.
Lehman, Mabel	Goshen, Ind.
Miller, David W.	Sugar Creek, Ohio
Nunemaker, Harvey E.	Sterling, Ill.
Oswald, Walter E.	Charm, Ohio
Smucker, Wilma	Orrville, Ohio
Steiner, Esther A.	Columbus Grove, Ohio
Stoltzfus, Lena	Lima, Ohio
Umble, Fern	West Liberty, Ohio
Yoder, Kathryn	Smithville, Ohio

JUNIORS

Anderson, Margaret	Chicago, Ill.
Bartholomew, Mary	Goshen, Ind.
Barnard, Angelo	Millersburg, Ind.
Diller, Arthur	Goshen, Ind.
Eigsti, Edna	Manson, Ia.
Evans, Wallace	Goshen, Ind.
Fulmer, Clarence	Perkasie, Pa.
Good, Harold	Sterling, Ill.
Greider, Elizabeth	Rheems, Pa.
Hoover, Ezra	Goshen, Ind.
Keneagy, Minnie	New Castle, Pa.
King, Allen Y.	Goshen, Ind.
Krabill, Mahlon	Louisville, Ohio
Lantz, Mary	Topeka, Ind.
Lantz, Russell	Ligonier, Ind.
Miller, Gladys	Shipshewana, Ind.
Miller, Maude	Garden City, Mo.
Miller, Nellie	Elkhart, Ind.
Miller, Wilbur	Middlebury, Ind.
Riehl, Ina	Leetonia, Ohio

Riesen, Cordelia	Berne, Ind.
Rutt, Walter N.	Florin, Pa.
Shertz, Ray	Metamora, Ill.
Snyder, Edna	Preston, Ontario
Stahley, Ernest	Middlebury, Ind.
Stoltzfus, Eli	Lima, Ohio
Weddell, Georgiana	Goshen, Ind.
Yoder, Howard	Wooster, Ohio

SOPHOMORES

Beck, Russell	Millersburg, Ind.
Bender, Violet	Elkhart, Ind.
Baumgardner, Gaius	Rawson, Ohio
Bauman, Irvin	Elmira, Ontario
Cook, Edna	South English, Iowa
Eigsti, Ira	Buda, Ill.
Eve, Lee	Larwell, Ind.
Hartzler, B. Franklin	West Liberty, Ohio
Headings, Ada Mae	West Liberty, Ohio
Hostetler, Jay	Goshen, Ind.
Hutchinson, Maxwell	Middlebury, Ind.
Kennel, Gladys	Goshen, Ind.
Kreider, Herman	Wadsworth, Ohio
Kropf, Glenn	Orrville, Ohio
Lantz, Ray	Topeka, Ind.
Marchand, Decoy	Larwell, Ind.
Rychener, Jesse	Pettisville, Ohio
Schertz, Lela	Roanoke, Ill.
Smith, Arthur	Metamora, Ill.
Thut, John	Beaver Dam, Ohio
Thut, Hiram	Lima, Ohio
Thut, Pearl	Lima, Ohio
Troyer, Clarence	Sugar Creek, Ohio
Troyer, Mildred	Milford, Ind.
Ulery, John	Nappanee, Ind.
Weaver, Verda	Goshen, Ind.
Weber, Lewis	Waterloo, Ontario
Weddell, Georgiana	Goshen, Ind.
Yoder, Elmer	Columbiana, Ohio
Yoder, Rhea	Goshen, Ind.
Yoder, Ray	Orrville, Ohio
Yoder, Roland	Bremen, Ind.
Yoder, Velma	Topeka, Ind.

FRESHMEN

Allgyer, Ruth	West Liberty, Ohio
Bartholomew, Bernis	Goshen, Ind.

Bender, Rhoda	Spring, Pa.
Blaugh, Clemens	Aurora, Ohio
Blough, Robert	Goshen, Ind.
Bohn, Ernest	Topeka, Ind.
Boze, Lucile	Kimmel, Ind.
Brubaker, Ruth	Freeport, Ill.
Brunk, Correno	Goshen, Ind.
Burkhard, Esther	Goshen, Ind.
Burkhard, Samuel	Goshen, Ind.
Chaffee, Gerald	Wawaka, Ind.
Champion, Charles	Goshen, Ind.
Cheer, Janet	Chicago, Ill.
Franks, Evelyn	Wawaka, Ind.
Garber, Otis	Goshen, Ind.
Good, Ethel	Chicago, Ill.
Guth, Clara	Huntley, Ill.
Harnish, Susie	Peabody, Kans.
Hoover, Maude	Goshen, Ind.
Hostetler, Elma	Smithville, Ohio
Kauffman, Chauncey	West Liberty, Ohio
Kauffman, John	West Liberty, Ohio
Kent, Mildred	Laotta, Ind.
Kiester, Nita	Kimmel, Ind.
Kreider, Iva	Wadsworth, Ohio
Lamb, Theldon	Goshen, Ind.
Leaman, Miriam	Chicago, Ill.
Leas, Dean	Goshen, Ind.
Lehman, Oscar	Goshen, Ind.
Leichty, Harry	Sterling, Ohio
McCullough, Esther	South Bend, Ind.
Miller, Alice	Middlebury, Ind.
Miller, Kathryn	Middlebury, Ind.
Nafziger, Ralph	Hopedale, Ill.
Shenefield, Thurel	Pierceton, Ind.
Shenk, Lillie	Harrisonburg, Va.
Shenk, Lydia	Harrisonburg, Va.
Shertz, Beulah	Roanoke, Ill.
Schrock, Elden	Nappanee, Ind.
Slabaugh, Lotus	Nappanee, Ind.
Slagel, L. W.	Goshen, Ind.
Smith, Louise	Goshen, Ind.
Smucker, Annia	Smithville, Ohio
Smucker, Chauncey	West Liberty, Ohio
Smucker, Katie	Smithville, Ohio
Snider, Willard	Waterloo, Ontario
Springer, Clara	Princeton, Ill.

ROSTER OF STUDENTS

101

Springer, Edward	Princeton, Ill.
Stauffer, Mahlon	Rittman, Ind.
Stemen, Gabriel	Goshen, Ind.
Stemen, Marie	Goshen, Ind.
Steiner, Paul	Columbus Grove, Ohio
Steiner, Verda	Orrville, Ohio
Stoltzfus, Rebecca	Martinsburg, Pa.
Stump, Lowell	Nappanee, Ind.
Stutzman, Vernon	Middlebury, Ind.
Thut, Edna	West Liberty, Ohio
Troyer, Howard	LaGrange, Ind.
Ulery, John	Nappanee, Ind.
Zartman, Ethel	Goshen, Ind.

ACADEMY

FOURTH YEAR

Bauman, Oliver	Elmira, Ontario
Bowman, Edna	Waterloo, Ontario
Fretz, Lewis	Markham, Ontario
Froese, Tina	Main Centre, Saskatchewan
Hershberger, Nora	Walnut Creek, Ohio
Hostetler, Alma	Elkhart, Ind.
Hostetler, James	Baltic, Ohio
Irvin Hostetler	Baltic, Ohio
Ivan Hostetler	Baltic, Ohio
Horst, Bertha	White Cloud, Mich.
Kreider, Iva	Wadsworth, Ohio
Pletcher, Schuyler	Goshen, Ind.
Schertz, Vera	Roanoke, Ill.
Shantz, Sarah	Elkhart, Ind.
Smoker, Guy	Goshen, Ind.
Smoker, Louise	Goshen, Ind.
Smucker, Wilbur	Goshen, Ind.
Snyder, Lillian	Baden, Ontario
Snyder, Oliver	Preston, Ontario
Talbot, Alice	Chicago, Ill.

THIRD YEAR

Baumgartner, J. C.	Milford, Ind.
Bender, Lucretia	Spring, Pa.
Bender, Walter	Spring, Pa.
Blough, Theo.	Goshen, Ind.
Cooper, Esther	Milford, Ind.
Eigsti, Wilmer	Goshen, Ind.
Fuller, Royce	Milford, Ind.
Gardener, Fern	Goshen, Ind.

Leaman, Ruth	Lititz, Pa.
Lehman, Dwight	Goshen, Ind.
McWhirter, Esther	Chicago, Ill.
Roeschley, Noah	Flanagan, Ill.
Schantz, Elizabeth	Hopedale, Ill.
Shantz, Fannie	Elkhart, Ind.
Smith, Edward	Eureka, Ill.
Smucker, Paul	Goshen, Ind.
Sommer, David	Metamora, Ill.
Sommer, Henry	Dewey, Ill.
Stemen, Lydia	Goshen, Ind.
Weaver, Stahley	Goshen, Ind.
Yoder, Albert	Goshen, Ind.
Yoder, Harry	Goshen, Ind.

SECOND YEAR

Albrecht, Silas	Tiskilwa, Ill.
Diller, Clara	Goshen, Ind.
Eschliman, Samuel	Dalton, Ohio
Gresser, Homer	Wooster, Ohio
Landis, Elmer M.	Bellefontaine, Ohio
Lehman, Ernest	Middlebury, Ind.
Lehman, Rolena	Middlebury, Ind.
Long, Maurice	Nappanee, Ind.
Long, Warren	Nappanee, Ind.
Luther, J. Daniel	Johnstown, Pa.
Smucker, Silas	Goshen, Ind.

FIRST YEAR

Albrecht, Amelia	Tiskilwa, Ill.
Albrecht, Dorothy	Tiskilwa, Ill.
Augsberger, Esther	Flanagan, Ill.
Barkey, Willis	Mishawaka, Ind.
Bartholomew, Kathryn	Goshen, Ind.
Byers, Merle	Sterling, Ill.
Diller, Wilmer	Goshen, Ind.
Evans, Henry	Goshen, Ind.
Froese, Lizzie	Main Centre, Sask.
Hartzler, Ellis	Orrville, Ohio
Heiser, Jesse	Fisher, Ill.
Hostetler, Allie M.	Bellefontaine, Ohio
Kanagy, Elmer	New Castle, Pa.
Landis, David	Houston, Va.
Litwiler, Marie	Delavan, Ill.
Mumaw, Henry	Goshen, Ind.
Salzman, Ivan	Flanagan, Ill.
Shertz, Darlene	Walnut, Ill.
Short, Alfred	Archboid, Ohio

Short, Raymond	Archbold, Ohio
Slagel, Willis	Flanagan, Ill.
Smoker, Dwight	Goshen, Ind.
Smucker, Ruth	Goshen, Ind.
Stemen, Lewis	Goshen, Ind.
Stutzman, Roy	Danvers, Ill.
Summer, Esther	Ashley, Mich.
Summer, Raymond	Ashley, Mich.
Swartzendruber, William	Kalona, Iowa

BUSINESS

Bechtel, Florence	Goshen, Ind.
Blakesley, Hester	Goshen, Ind.
Blough, Robert	Goshen, Ind.
Bontrager, Edward	Goshen, Ind.
Bontrager, Gertrude	Goshen, Ind.
Brenneman, Elma	West Unity, Ohio
Charpie, Emanuel G.	New Paris, Ind.
Davis, Lillie B.	Benton, Ind.
Dorr, Marie E.	Goshen, Ind.
Hoke, Clarence	Goshen, Ind.
Holmes, Vivian	Elkhart, Ind.
James, Maybelle	Goshen, Ind.
Kauffman, Bernice	Goshen, Ind.
Leas, Dean	Goshen, Ind.
Lichtenwalter, Ruby	Goshen, Ind.
Mahn, Dorothy	Goshen, Ind.
Mellinger, Harold	Goshen, Ind.
Noel, Romaine	Goshen, Ind.
Ross, Lesta	Lima, Ohio
Rippey, Harry	Goshen, Ind.
Rufenacht, Sarah	Archbold, Ohio
Schertz, Darlene	Princeton, Ill.
Schick, Eva	Syracuse, Ind.
Slagel, Lloyd W.	Goshen, Ind.
Springer, Clara	Princeton, Ill.
Stilwell, Wilma	Goshen, Ind.
Umberhour, Alea	New Paris, Ind.
Wagner, Florence	Goshen, Ind.
Weddell, Georgiana	Goshen, Ind.
Weddell, Hazel	Goshen, Ind.
Whitehead, Helen	Goshen, Ind.
Yontz, Elmer	Goshen, Ind.

MUSIC

Albrecht, Dorothy	Tiskilwa, Ill.
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Blosser, Christine	Goshen, Ind.
Bohn, Ernest	Garden City, Mo.
Brenneman, Ruth	Goshen, Ind.
Buchy, Ruth	Millersburg, Ind.
Burkhard, Anna	Goshen, Ind.
Burkhard, Samuel	Goshen, Ind.
Conrad, Rozella	Smithville, Ohio
Detweiler, Mark	Goshen, Ind.
Finkenbiner, Lucy	Goshen, Ind.
Franks, Evelyn	Wawaka, Ind.
Friesner, Esther	Middlebury, Ind.
Grabill, Cordelia	Goshen, Ind.
Hoover, Maud	Goshen, Ind.
Howder, Inez	Goshen, Ind.
Howder, Roberta	Goshen, Ind.
Kanagy, Elmer	New Castle, Pa.
Kauffman, Glen	Goshen, Ind.
Kauffman, Irene	Middlebury, Ind.
Kauffman, Vernon	Middlebury, Ind.
Lehman, Agnes	Goshen, Ind.
Long, Helen	Goshen, Ind.
Luther, J. Daniel	Johnstown, Pa.
Metcalf, Mrs. C. E.	Goshen, Ind.
Migney, Lucile	Goshen, Ind.
Miller, Bernice	Goshen, Ind.
Miller, Helen	Goshen, Ind.
Nafziger, Clarence	Stryker, Ohio
Riesen, Cordelia	Berne, Ind.
Ropp, Thelma	Goshen, Ind.
Sheridan, Anabel	Goshen, Ind.
Short, Alfred	Archbold, Ohio
Short, Raymond	Archbold, Ohio
Slabaugh, Paul	Goshen, Ind.
Showalter, Thelma	Goshen, Ind.
Smoker, Guy	Goshen, Ind.
Smucker, Donald	Goshen, Ind.
Sommer, Velma	Goshen, Ind.
Stemen, Marie	Goshen, Ind.
Stump, Arthur	Goshen, Ind.
Thut, John	West Liberty, Ohio
Wismer, Mary	Blair, Ontario
Yoder, Anna	Goshen, Ind.
Yoder, Grace	Goshen, Ind.
Yoder, Freda	Goshen, Ind.
Yoder, Helen	Goshen, Ind.
Yoder, Nellie A.	Bellefontaine, Ohio
Zook, Barbara	Goshen, Ind.

AGRICULTURE

Barkey, Willis	Mishawaka, Ind.
Bontrager, Amos	Shipshewana, Ind.
Gresser, Homer	Wooster, Ohio
Hartzler, Ellis	Orrville, Ohio
Weber, Harry F.	Sterling, Ill.

BIBLE

Burkhard, Mary	Goshen, Ind.
Good, Ivan	Rantoul, Ill.
Good, Laura	Rantoul, Ill.
Good, Simon	Minier, Ill.
Guth, Arlo	Huntley, Ill.
Heiser, Jesse	Fisher, Ill.
Holderman, Harry B.	Wakarusa, Ind.
Hostetler, Allie	Bellefontaine, Ohio
Leichty, Ida	Wauseon, Ohio
Litwiler, Marie	Delavan, Ill.
Magnuson, Carl A.	Tiskilwa, Ill.
Nafziger, Ralph	Hopedale, Ill.
Nihart, Ruth Miller	Goshen, Ind.
Snyder, Oliver	Preston, Ontario
Sommer, Henry J.	Dewey, Ill.
Springer, Aaron	Hopedale, Ill.
Springer, Edward	Princeton, Ill.
Stoltzfus, Nicholas	Manson, Iowa
Stoltzfus, Rebecca	Martinsburg, Pa.
Summer, Esther	Ashley, Mich.
Swartzendruber, Edna	St. Agatha, Ontario
Swartzendruber, Anna	Petersburg, Ontario
Switzer, Eddie	Vestaburg, Mich.
Winkler, Christine	Metamora, Ill.
Yoder, Nellie M.	West Liberty, Ohio
Yoder, Velma	Topeka, Ind.

SUMMER TERM

Allison, Helen	Middlebury, Ind.
Baker, Doris	Middlebury, Ind.
Baker, Edna M.	Laotta, Ind.
Banta, Mabel	Goshen, Ind.
Baumgartner, Joseph C.	Milford, Ind.
Beery, Ruby	Columbus Grove, Ohio
Belote, Edna	Howe, Ind.
Belote, Helen	Howe, Ind.
Bemenderfer, Dort K.	Goshen, Ind.
Berry, Florence E.	Goshen, Ind.
Bickel, Bernice	Goshen, Ind.

Blocher, Mary	Wakarusa, Ind.
Blood, Nellie L.	Bristol, Ind.
Bohn, Ernest	Millersburg, Ind.
Brown, Dale	Goshen, Ind.
Bryner, Fred	Goshen, Ind.
Burkhard, Samuel	Goshen, Ind.
Burkley, Louise I.	Middlebury, Ind.
Buxly, Ruth	Middlebury, Ind.
Byler, Joseph N.	Nappanee, Ind.
Cheer, Janet	Chicago, Ill.
Chrisman, Irma	Millersburg, Ind.
Coble, Myrtle	Goshen, Ind.
Conrad, Rozella M.	Smithville, Ohio
Cosby, Ray	Goshen, Ind.
Davis, David	Goshen, Ind.
Dennison, Helen A.	Millersburg, Ind.
Doty, Dorothy H.	Milford, Ind.
Earnhart, Gaiel	Goshen, Ind.
Eigsti, Edna	Manson, Iowa
Evans, Edna	Millersburg, Ind.
Evans, Ethel	Goshen, Ind.
Evans, Wallace	Goshen, Ind.
Finkenbiner, Ava	Goshen, Ind.
Fisher, Esther Isabella	Elkhart, Ind.
Franks, Evelyn	Wawaka, Ind.
Franks, Modelle	Wawaka, Ind.
Friesner, Esther	Middlebury, Ind.
Fuller, Royce	Milford, Ind.
Fulmer, Clarence	Perkasie, Pa.
Gerver, Pauline	Wawaka, Ind.
Gilbert, Ida Pearl	Goshen, Ind.
Grabill, Cordelia	Goshen, Ind.
Gray, Barbara	Kimmel, Ind.
Grove, Elizabeth	Goshen, Ind.
Guth, Eunice	Huntley, Ill.
Hamilton, Lottie A.	Elkhart, Ind.
Harris, Lora	Granger, Ind.
Harris, Tora	Granger, Ind.
Hartzler, B. Franklin	West Liberty, Ohio
Hartzler, Minnie	Belleville, Pa.
Hill, Gertrude	Goshen, Ind.
Hoffman, Edgar H.	Lakeville, Ind.
Hoover, Mildred	Goshen, Ind.
Hoover, Ward	Wawaka, Ind.
Horne, Ruth	Goshen, Ind.
Hostetler, Alma	Goshen, Ind.
Hostetler, Elizabeth	Baltic, Ohio
Hostetler, James	Baltic, Ohio

ROSTER OF STUDENTS

107

Howard, Nellie E.	New Paris, Ind.
Huitema, Grace	New Paris, Ind.
Hunsberger, Fern	Wakarusa, Ind.
Hurd, Mary E.	New Paris, Ind.
Isenbletter, Ruby	Goshen, Ind.
Kauffman, Irene	Middlebury, Ind.
Kauffman, Vernon	Middlebury, Ind.
Kirly, Bryon	South Bend, Ind.
Kitson, Lucile	Middlebury, Ind.
Klick, Gladys	Kimmel, Ind.
Kundred, Marie	Goshen, Ind.
Kurtz, Cleo	Millersburg, Ind.
Landon, Opal	Wawaka, Ind.
Lapp, B. Ruth	South English, Iowa
Larimer, John E.	Goshen, Ind.
Lehman, Oscar S.	Goshen, Ind.
Long, Leona	Goshen, Ind.
Luther, J. Daniel	Johnstown, Pa.
Malone, Grayce	Shipshewana, Ind.
McCullough, Esther	South Bend, Ind.
Metcalf, Mrs. C. E.	Goshen, Ind.
Mignery, Lucile	Goshen, Ind.
Miller, Bessie	Middlebury, Ind.
Miller, David	Sugar Creek, Ohio
Miller, Gladys	Shipshewana, Ind.
Miller, Ida	Shipshewana, Ind.
Musselman, Grace	Millersburg, Ind.
Neterer, Marie	Goshen, Ind.
Nihart, David O.	Millersburg, Ind.
Nunemaker, Harvey E.	Sterling, Ill.
Oesch, Mrs. Antoinette	Shipshewana, Ind.
Pletcher, Edith	Middlebury, Ind.
Pollock, Leona	Goshen, Ind.
Rambo, Donna	South Bend, Ind.
Resler, Elta	Albion, Ind.
Rowe, Faith	Elkhart, Ind.
Schertz, Lillian	Manson, Iowa
Schrock, Delton	Goshen, Ind.
Schwab, Modelle	Wawaka, Ind.
Searer, Esther	Wakarusa, Ind.
Shenk, Forest	Goshen, Ind.
Shoup, Angela	Goshen, Ind.
Sims, Lotta	Goshen, Ind.
Slabaugh, Paul	Goshen, Ind.
Smith, Dora Belle	Goshen, Ind.
Smith, Wilma	New Paris, Ind.
Smoker, Guy Eugene	Goshen, Ind.
Stuckman, Elva	Kimmel, Ind.

Stuckman, Vesta	Kimmel, Ind.
Stutzman, Vernon	Middlebury, Ind.
Sunthimer, C. E.	Wakarusa, Ind.
Talbot, Alice	Chicago, Ill.
Thornton, Berdine	Goshen, Ind.
Thornton, Vera	Goshen, Ind.
Thomas, Melvin	Goshen, Ind.
Todd, Jennie	Goshen, Ind.
Troyer, Bessie	LaGrange, Ind.
Troyer, Minnie	LaGrange, Ind.
Wagoner, Opal	Shipshewana, Ind.
Waldron, Hazel	Brimfield, Ind.
Wayer, Mrs. Nora	Goshen, Ind.
Warstler, Anna Margaret	Goshen, Ind.
Weaver, Edwin	Wakarusa, Ind.
Weaver, Robert B.	Goshen, Ind.
Webb, Mrs. Maude	Goshen, Ind.
Weber, Harry F.	Sterling, Ill.
Weller, Faith V.	South Bend, Ind.
Wenger, Amanda	Goshen, Ind.
Whitehead, Galen	New Paris, Ind.
Wysong, Gladys	Goshen, Ind.
Wysong, Inez	Goshen, Ind.
Yoder, Anna	Goshen, Ind.
Yoder, Ruth C.	Goshen, Ind.
Yoder, Ruth E.	West Liberty, Ohio
Yoder, Elva	Shipshewana, Ind.
Yoder, Fern	Middlebury, Ind.
Yoder, Verda	West Liberty, Ohio
Young, Henry	Topeka, Ind.
Zeigler, Mary Hazel	Goshen, Ind.

ADJUNCT

Alley, Mary H.	Goshen, Ind.
Banta, Nola	Goshen, Ind.
Bartholomew, Cora S.	Goshen, Ind.
Bemenderfer, Dort	Goshen, Ind.
Berlin, Flossa	Goshen, Ind.
Berry, Florence	Goshen, Ind.
Bickel, Mrs. Harry	Goshen, Ind.
Biggs, Mary	Goshen, Ind.
Bivins, Mary L.	Goshen, Ind.
Bowlus, Genevieve	Williamsport, Ind.
Coble, Myrtle	Goshen, Ind.
Earnhart, Gail	Goshen, Ind.
Gilbert, Idah	Goshen, Ind.
Hoover, Mildred	Goshen, Ind.
Martin, Meta	Goshen, Ind.

ROSTER OF STUDENTS

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Moyer, M. L.	Goshen, Ind.
Pletcher, W. E.	Goshen, Ind.
Sewald, Bertha E.	Goshen, Ind.
Sims, Lotta E.	Goshen, Ind.
Wayer, Mrs. Nora	Goshen, Ind.
Weaver, Robert	Goshen, Ind.
Zeigler, Mary Hazel	Goshen, Ind.

SUMMARY OF DEPARTMENTS

College	171
Academy	78
Music	47
Business	35
Bible	19
Agriculture	5
Summer School	142
Total	497

ENROLLMENT BY STATES

Iowa	6
Michigan	4
Ohio	69
Wisconsin	1
Pennsylvania	14
Saskatchewan	2
Ontario	13
Missouri	4
Virginia	1
Kansas	1
Illinois	46
Indiana	296
Total, no name counted twice	460

49
 267
 23
 15
 114
 460
 171
 289
 227
 62
 431
 209
 227

ALUMNI ASSOCIATION

Organized 1901—Incorporated 1911

OFFICERS

F. S. Ebersole	President
E. S. Mullet	First Vice President
J. S. Yoder	Second Vice President
Anna Yoder	Recording Secretary
Bertha Leaman	Corresponding Secretary
J. M. Kurtz	Treasurer
J. C. Meyer	Historian

EXECUTIVE COMMITTEE

Frank S. Ebersole	E. S. Mullet	J. M. Kurtz
Anna Yoder	I. R. Detweiler	

BOARD OF DIRECTORS

Term Expires in 1922

Frank S. Ebersole	E. S. Mullet	J. M. Kurtz
	A. W. Slagle	

Term Expires in 1923

C. B. Blosser	Vesta Zook	Frank S. Ebersole
	E. A. Meyer	

Term Expires in 1924

J. M. Kurtz	Anna Yoder	E. S. Mullet
	W. E. Oswald	

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